On the Innovation of Ideological and Political Education Mode in Colleges and Universities under the Computer Aided Technology

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Abstract. Under the new social environment and education background, ideological and political education should run through the whole process of education and teaching, and reform and innovation has become a necessary trend of Ideological and political work in Colleges and universities. First of all, according to the requirements of the new situation for contemporary college students, combined with the actual situation of the University, colleges and universities should constantly adapt to the new situation, seek new methods, and strive to innovate the ideological and political education in Colleges and universities. Secondly, in order to improve the effectiveness of Ideological and political education, colleges and universities should pay more attention to the research and innovation of CAI technology. Ideological and political education is extremely important. It should not only float on the surface and become a mere formality, but should be rooted in the students. From the perspective of students, we should really do a good job and do deep education in a way that contemporary college students can accept.

Keywords: Computer Aided Technology, Ideological and Political Education Mode, Innovation

1. Computer aided technology
Our country began to use CAI technology very late, and until now our CAI technology is still not used much. In 1958, the first teaching system was born, which has a history of more than 50 years. Like other subjects, computer-aided instruction (CAI) has its theoretical basis, social basis and material basis. 1) Theoretical basis. Educational technology and educational psychology promote the development of computer-aided technology. 2) Social foundation. In today's information society, information is an important resource to promote economic development, improve productivity and enhance national strength. New achievements of scientific and technological progress have sprung up like mushrooms, and knowledge has increased rapidly. 3) Material basis. With the development of the times, the volume of the computer is becoming smaller and smaller, the carrying is more and more convenient, the function is more and more powerful, and the related industrial products are more and more abundant, which has laid a material foundation for the development of
2. Challenges and opportunities of Ideological and political education in colleges and universities in the new era

2.1. Challenges
The main purpose of Ideological and political education in Colleges and universities is to convey students' Outlook on life, values and world outlook, so that students can clearly deal with all kinds of chaotic information in the process of growth. The wanton spread of network information among college students increases the difficulty of Ideological and political education in Colleges and universities\cite{2}. College students tend to pursue certain stimulation and entertainment when they accept network information. They are influenced by bad information, which leads to some thoughts deviating from the correct track, and then affect their behavior.

2.2. Opportunity
The communication in the network has certain fairness. Educators and students can communicate through the Internet without a sense of distance. The network makes the way of information transmission more diversified, and the form of communication is also more diversified. If ideological and political workers can make rational use of the characteristics of the network, they can effectively improve the influence of Ideological and political work in Colleges and universities among students. However, ideological work in Colleges and universities is mostly carried out in the form of political work, which leads to low efficiency in the form of ideological work. With the development of computer-aided technology, information dissemination has a certain universality, which solves the problem of low transmission rate of educational information to a certain extent.

3. The necessity of innovation in ideological and political education in universities

3.1. The target of education has changed
At present, college students were born after the 1990s, and most of them are only children. Parents are afraid of melting in their mouths and falling in their hands. They are the apple of their eyes. Most students have poor pressure resistance and are easy to break the pot\cite{3}. Whenever they encounter something unpleasant, they begin to lose interest in life. Many students are willing to accept new things, with high enthusiasm, unique perspective, unique personality and strong self-awareness, but their self-control ability is relatively weak, and it is easy to be self-centered. They seldom encounter setbacks and difficulties, and they do not have the spirit of hard-working of the older generation. The simple and boring form of Ideological and political education in the past is difficult to adapt to the new environment.

3.2. The importance of ideological and political theory course is not enough
At present, our college students' understanding of the ideological and political theory course is not in place, do not pay attention to these ideological and political quality. However, these ideological and political literacy is very important. Only when the contemporary college students study the ideological and political theory systematically, and experience and understand from the heart, can we cultivate and improve the ideological and political consciousness. It is understood that in the ideological and political education courses set up in Colleges and universities, only a small number of students listen carefully, and a considerable part of the students in this very small part are to learn for high marks, and they have no heart to experience, let alone understand and believe in\cite{4}.

4. The significance of the innovation of ideological and political education mode in colleges and universities under the computer aided technology
4.1. First, it is conducive to optimizing the teaching atmosphere of ideological and political education

In order to meet the actual needs of teaching development, we should, according to the current actual situation and students' cognitive level, effectively guide students to combine online and offline through network teaching, online forum and other teaching activities, so as to break the time and space restrictions of Ideological and political education and teaching, and to a certain extent, help to improve students' attention in learning.

4.2. The second is to optimize the teaching form

Contemporary college students have great development potential, and they are easy to be attracted by new things, so based on students' interest, in ideological education and teaching, the use of new media technology will effectively apply teaching resources to the actual classroom teaching, so that students can choose the best teaching method according to their own cognitive level, and obtain the key teaching Information, which will help to enrich students' knowledge reserves and improve the quality of teaching.

4.3. The third is the innovation of teaching methods of ideological and political education

Teachers need to understand students' learning situation in time, so that students can find their own shortcomings in the learning process[5]. The ideological and Political Education under the computer-aided teaching technology can effectively combine students and teachers, and strengthen their communication and communication. Teachers use computer-aided teaching technology for teaching, which will undoubtedly greatly reduce the degree of tiredness of teachers. At the same time, the time and energy saved by teachers can be more focused on students and pay more attention to students' physical and mental health.

5. Innovation of ideological and political work methods in colleges and universities under computer aided technology in the new era

5.1. Strengthen the leading role of Marxism in the ideological field of students

In the network era, the development of science and technology has opened up a second front for ideological and political education in Colleges and universities. In the process of carrying out ideological and political education in Colleges and universities, we should not only do a good job in school education, but also pay attention to the education of network platform. Under the new media environment, ideological and political education in Colleges and universities has become the focus of current teaching work, and has been widely concerned by the society. According to the actual situation, for the teaching of ideological and political education in colleges and universities, we should adhere to the principle of combining theory with practice, pay attention to changing the traditional concept of ideological and political education, fully respect the dominant position of students in teaching activities, and cultivate students' independent learning ability, And strengthen the advantages of computer-assisted teaching technology to meet the actual needs of the current college teaching reform.

5.2. Changing the teaching idea of ideological and political education

The key to the innovation of Ideological and political education means in Colleges and universities in the new era lies in the timely change of education and teaching concepts, which, and to a certain extent, is the innovation and improvement of traditional teaching methods. First of all, teachers should do a good job in the transformation of teaching role, from a faithful teaching executor to a teacher guiding students' learning. This can not only promote students' learning, clarify the main position of students in teaching activities, but also change the education and teaching ideas in time, fully realize the importance of integrating new media teaching ideas into Ideological and political education teaching. This will help to improve the overall teaching level[6]. Secondly, we should improve the ability of computer-aided education and teaching, clarify the teaching content of Ideological and political subjects, and gradually improve the ability of applying new media teaching. Although our dominant
position in teaching activities is affirmative, we should also recognize the importance of computer-aided technology. If we want to innovate the methods of ideological and political education, first of all, we must start from the realization of the goal of talent training and explore new principles and concepts for ideological and political education. Secondly, we should combine campus culture, make full use of the location of classrooms and campuses, so that the students' sights are of educational significance, such as placing real-time scrolling electronic screens on the only way for students.

5.3. Actively introduce modern multimedia teaching means
In order to adapt to the Internet plus ideological and political education in the new situation, we should actively innovate teaching methods in Ideological and political classroom teaching. We should actively use modern computer-aided teaching methods and strengthen the application of computer-aided teaching technology in the teaching of modern ideological and political courses, so as to significantly improve the learning interest of college students. In the new era, colleges and universities need to establish a sharing group integrating schools, teachers, students, teaching and classroom, and explore new ideological and political education mode technology, such as "live video" interactive mode, "role show", "QQ group anonymous chat", and scanning QR code and so on. For example, live broadcasting is a new media communication method which has only become popular in recent years. Young people are easily attracted by this form. If the stereotyped and conservative teachers in the impression of students also starts to live broadcast, it will form a huge contrast, so as to accurately grasp the curiosity of students and attract students to see it[7]. The students' concentration will rise to a higher level and teachers do not have to waste a lot of time to check attendance one by one, the results can be obtained directly by using computer statistics.

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