The Application of Computer Network in Ideological and Political Education

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Abstract — Nowadays, the Internet is the important carrier and tool for transmitting social information and exchanging thoughts and feelings. In the guidance of social ideas, political views, moral standards, the computer network in the field of Ideological and political education gradually play a positive effect. The introduction of computer network interaction in the teaching of Ideological and political education, has become the new situation of innovative ideological and political education mode and the path of the inevitable choice. In the main form of computer network communication, computer network as a medium into the ideological and political education, the comprehensive growth of college students and education curriculum reform has a crucial role.

Keywords - computer network; ideological and political education; education mode; communication method

I. INTRODUCTION

Lead speech: the ideological and political education and other work, by contrast, one of its biggest characteristic is to emphasize the bilateral or multilateral interaction, in the ideological and political education to participate in the interaction of the various characters in the process of seeking ideological and political education implementation. The diversity, timeliness, interactivity and universality of computer network can improve the traditional education mode, and inject new vitality into Ideological and political education in Colleges and universities. The communication between computer network and the traditional teaching mode and communication mode can help improve the pertinence and validity of Ideological and political education.

II. THE APPLICATION OF COMPUTER NETWORK MULTIDIMENSIONAL INTERACTION MODE IN IDEOLOGICAL AND POLITICAL EDUCATION

A. Ideological and Political Education Network Multidimensional Interactive Mode of the Basic Connotation and Features

At this stage, for the academic definition of a multidimensional interactive network. Network dimensional interaction is a kind of intercourse behavior and mode which is based on reality and has the virtual nature. Specifically speaking, multidimensional network interaction is refers to in the modern information intensive and information transmission in the Internet society, between individuals to machine or modern information carrier for the media, through the form of network[1] and with the help of virtual space interaction, mutual influence of Internet communication behavior and style. Ideological and political education network multidimensional interaction pattern is refers to the education in Ideological and political education of under the guidance and influence, with modern educational technology, the rich help to understand the content of teaching of network resources, network of autonomous learning, collaborative learning, learning and innovation, for learners, learning and ideological and Political Education between, thinking and political education between to the network as the carrier of the multidimensional interaction to improve on the related theories and the phenomenon of understanding and awareness, to achieve the effect of Ideological and political work. Compared with the traditional mode of Ideological and political education, the outstanding characteristic of the Internet is the strong nonlinear interactive ability.

B. The Application Of Computer Network Multi-dimensional Interaction Mode in Ideological and Political Affairs

The one feature of the modern society is that rich in information, and information transmission and renewal speed is accelerating. In these circumstances do a good job of Ideological and political education, the first priority is to ask the ideological and political education to change traditional to simply to explain and introduce basic theory[2] inculcating model, efficient use of network advantage, various theories and message quickly passed on to ideological and political education of the educated, faster and better to cultivate educated spirit of independent learning, so as to improve their ideological level, understanding ability and comprehensive quality.

It is the tracking theory frontier. Compared with the traditional thinking and political education, network multidimensional interaction pattern, can be through the use of network resources and are guided or autonomous network interaction, concentration and ideological and political education related theoretical, tracking think the forefront of political theory development, collect the latest case, effective analysis. This enriches the connotation of Ideological and political education in Colleges and universities, changes the rigid and rigid inherent mode of Ideological and political education, and can improve the efficiency and quality of Ideological and political education.
In the interactive mode of network, the educated person is easier to realize autonomous learning than before. In the increasing development of social civilization, era of constant progress, individual cognitive ability and constantly improve today, thought political education between the subject and the object dialectical relation already had the gradual change, past that one-way indoctrination, blindly preaching[3], and the educated all photos to listen to, there is no bosom doubt, passive accept model would have been very difficult to obtain actual effect, young students of this model produced antipathy and resentment, especially educated, resulting in Ideological and political education expected effect is difficult to reach, the actual effect is poor. Ideological and political education network thought political education and other work, by contrast, one of its biggest characteristic is to emphasize the bilateral or multilateral interaction, in the ideological and political education to participate in the interaction of the various characters in the process of seeking ideological and political education implementation. The diversity, timeliness, interactivity and extensive of computer network can improve the traditional education mode, and inject new vitality into Ideological and political education in Colleges and universities. The communication between computer network and the traditional teaching mode help improve the pertinence and validity of Ideological and political education.

III. THE CHARACTERISTICS OF THE APPLICATION OF COMPUTER NETWORK COMMUNICATION IN IDEOLOGICAL AND POLITICAL EDUCATION

A. Characteristics of Communication

Ideological and political education and other work, by contrast, one of its biggest characteristic is to emphasize the bilateral or multilateral interaction, in the ideological and political education to participate in the interaction of the various characters in the process of seeking ideological and political education implementation. The diversity, timeliness, interactivity and extensive of computer network can improve the traditional education mode[4], and inject new vitality into Ideological and political education in Colleges and universities. The communication between computer network and the traditional teaching mode and communication mode can help improve the pertinence and validity of Ideological and political education.

B. The Application of Network Communication in Ideological and Political Education

To establish the communication concept, the ideological and political education for college students is not only the thing of the school and teachers, or the whole society, but also needs to reach a consensus in all aspects of society. Therefore, it is necessary to establish communication philosophy, emphasizing the broad participation of the main communication, will be communicated throughout the study and life of the students, at the same time, and actively with the parents of the students and the society communicate ensure the thought political education work to full implementation. The teacher must change the work idea, firm political stance, recognize the importance of network communication in the ideological and political education, to strengthen their own learning, broaden their knowledge, improve their ability of computer application and network information the ability to identify, for education problems, avoid a mere formality, to learn from the phenomenon of nature, the Marx doctrine theory in practice, with the correct attitude and ideas to help students solve various problems encountered perplexing, so that they learn to distinguish between truth and falsehood, learn actively, to face the future road; strengthen the students' sense of participation, help students establish the concept of communication[5], guide students to actively participate in the ideological and political education of the network communication, the use of various forms of communication and cyber source make students change from passive learning to active participation, at the same time, enhance the students' ability of using Internet, to enrich the knowledge of computer network, the smooth realization of the goal of Ideological and political education through the network communication method.

Through emotional communication students have strong independent consciousness, they are eager to be understood, trusted, respected, positive emotion communication will for the behavior of students, consciousness and thinking has a positive effect, so the application of network communication in the ideological and political education method, teachers should pay attention to positive emotional communication with students useful, they devoted, always observe the students, care for students, good for the students' emotional attitude to study, and then they set up a good relationship, produce resonance in thought; in the teaching process, teachers should pay attention to the use of emotional color of the art of language expression about their feelings, also give students enough trust, the trust and respect of the positive emotional factors to mobilize students' entering spirit, which are always full of enthusiasm in learning, in the face of life, in the face of life.

Creating a network communication platform for students thinking and behavior has far-reaching influence, in the ideological and political education in the use of network communication method must conform to the characteristics of the times, create multi channels, multi range of Ideological and political education network communication platform, formed a comprehensive network communication mechanism. Which requires joint efforts of force of the society and the school, the teacher, mutual consultations and coordination, improve the campus network environment, to ensure the smooth progress of Ideological and political education work[6], enable students to receive education in a good environment, establish a scientific world outlook, outlook on life and values. Bridge first, create ideological and political education of the portal and the main website, the teachers and students to interact, consciousness, purposeful, planned the party and national policies, Marx Leninism, Mao Zedong thought penetration to the students' learning and campus life, the spread of domestic and international political situation, economic situation and major events, let the students know more about worldly...
affairs, national conditions, social conditions and the party, and constantly enhance students' Ideological and political quality, strengthen the patriotic spirit, enhance the political ability to identify and help the tree stand at attention really outlook on life and value outlook for network communication method in Ideological and political education to lay the foundation. Secondly, and students through the BBS, stick, blog, space, network platform were text, images, video, sound, and information transmission and communication, so that students in communication process in full swing their personality, meet their pursuit of self and self respect, Zhang Yang personality, the pursuit of equality and freedom, and teachers through these platforms can understand students' inner thoughts, interests and likes and dislikes, and find problems and propose solutions and is conducive to the improvement of Ideological and political education work for and effectiveness for a given period of time.

Hot ranking and retrieval: through the hot rankings can let students understand, now we are the most concerned about the topic, is conducive to improving learning efficiency.

Retrieval of the ultimate goal is to improve the learning efficiency and retrieval to follow two principles: retrieve information to the extent possible, the less, the second is the retrieval of information as much as possible with keywords related or similar.

According to the analysis of the functions of the system, the author designed a video on demand of colleges and Universities Based on the thought political network system function module, composed of video on demand module, management module, interface module, recording module. (such as Figure 1), video on demand (VOD) module achieve realization of video on demand, video content guide, video indexing; management module of video resources upload, modify, delete, column add, modify, delete function, forum management; interaction module realize online interaction, learning forums and other functions; recording module through a personal learning portfolio form, realize the students basic information display, the learning process record, published topics and posts, upload the experience and function.

C. System Background Design

The background of the system mainly complete video management, forum management, user management several tasks. The background function structure diagram of the system is shown in Figure 2.

D. The Front Design of the System

The front design of the system mainly includes the information display, information exchange, information record and the submission of the reflective report function, the system's foreground function structure as shown in Figure 3.

Learning knowledge is a long and hard process, and can not be carried out according to its own will, and its process needs to be connected with the monitoring and students' self-control from the outside. At the same time to create a students help each other, each other to provide a good atmosphere for help, and aiming at the problems of learning and timely monitor and control. Based on China's actual situation (students self-control is weak in), in order to achieve efficient learning efficiency and high quality to finish learning goals, students' self control by the need will be mainly by teacher supervision control traditional learning process and the transformation of the mode. In this process, the teacher must first learn to set the contents of the
formulated learning goals, students to explain the practical problems of the research methods and solve the problem of ideas, the learning content of key[11] difficulty and problem solving can bring those results, so as to stimulate students' learning motivation and passion. Educators can encourage team members to ongoing between individual self-evaluation and mutual evaluation, timely evaluation and effective real-time monitoring is to maintain and improve the learning efficiency and learning objectives to ensure high quality.

IV. THE APPLICATION OF VIDEO ON DEMAND IN IDEOLOGICAL AND POLITICAL EDUCATION

A. Video on Demand Concept

Video on demand (VOD), English vide on demand, usually abbreviated for VOD, also known as interactive TV on demand system, the Chinese meaning is according to the requirements of the users play video 1 video on demand corresponding is along with the development of information network technology and the rapid rise of a video technology, it is multi-disciplinary, multi field cross fusion product. VOD storage on the large number of two-way interactive audio and video resources, the fundamentally changed people in the past passive watching video program, people can at any time according to the demand on demand video and audio programs, access to a variety of interactive information service. VOD has revolutionary[12] significance, he changed the way people live and work, due to ratings to grasp the initiative in their own hands, so that people according to the actual situation of their own free time control to blend further promotes the promotion of people's working efficiency and quality of life.

B. The Function Module Design of the System

According to the demand analysis, the system at least, to achieve the following functions: video management: to establish easy operation of the backstage management system management system, the system administrator can using this module to complete the release of the video information, modify, delete, section to add, modify, delete, upload a new notice, content management forums, to complete the video classification index.

Teaching: according to the teaching plan the teaching content made into a video file and to stream media publish content to a web site, students can through the network, the VOD system according to the actual situation of their own choice to learn, the teacher's arrangement of the whole or individual rules in accordance with the designated to carry out the study. Between teachers and students, students can discuss and exchange a topic through chat room and BBS forum. To those common problems, the teacher can answer the question in the exchange area. Individual questions for individual students can be individually via email.

The learning process[13] record: the establishment of student learning module file, records of the basic information, video recording and submit the reflective report, through the records of students' learning process for comprehensive evaluation of students.

C. Teaching Application of Video on Demand System

The VOD system introduced into the education and teaching activities, can greatly enrich teaching resources and improve the learning environment, conducive to the teacher organizational forms of teaching activities, promoting teaching means, teaching method reform, optimize teaching process and teaching effect -VOD Teaching collection disciplines excellent, typical of multimedia courseware, video editing of teaching resources to VOD system, storage to pin server. In addition, teachers can also advance to upload their own teaching electronic notes, references, and other. Teachers according to the demand of the classroom, in the computer's video resource library free VOD video teaching resources for teaching. The introduction of the video, the micro teaching content become intuitive, the creation of a new teaching situation, to attract the attention of students, easy to let students understand, improve the teaching efficiency, enhances the teaching effect. In the teaching process, the teacher is an organizer, according to class consciousness of teaching process and conditions. Teachers can always interspersed arrangement of students' activities, for a discussion of the content of the video teaching, to cultivate the awareness and ability of students in cooperative learning.

Autonomous Learning VOD system to the students a lot of learning autonomy, students in accordance with their basic learning, such as the starting point for learning, learning needs, interests, hobbies, etc. choose the appropriate video to learn, learning of the time and place of the students themselves the lift control. In the VOD system, students can learn[14] from their own interests, and can increase their knowledge reserves and expand their knowledge. The VOD system provides the students with free learning space, which fully shows that the learning activity is the master of the students themselves, but also reflects the autonomy of the study.

Remote teaching VOD system in the process of distance teaching play an important role, a large number of outstanding education video content is stored in the video server, the learners can be in these places at any time on demand video, online learning; can also download instructional video, on a single video on demand learning. VOD due to the use of streaming media technology, the video transmission characteristics, so take advantage of it to carry out the effect of distance education is network teaching in general are not up to and VOD system with two-way[15] interactive, learners can not only arrange their own study time, can also through the message board, e-mail and other forms do not understand the learning content and the teacher and classmates, which is unmatched by traditional radio and television teaching.

D. Application of Ideological and Political Education Network System based on Video on Demand

Collection of topics on the design and resources.In web-based collaborative learning environment for ideological and political teaching night to try to select some of the central ideas in clear, easy to cause students’ thinking, resonance, close to the learners' learning life, open and complex topics,
it will make students feel the importance and impact of the problem, stimulate their interest in participating in learning activity, also due to the different students may have different views and ideas of the problem, it is necessary to discuss and exchange, each learner through discussion "submit" a belongs to the "product", we communicate. In addition, the learner can design and develop the corresponding learning resources according to the subject content, and upload it to the system. This learning resource can be related to the theme of personal perception, video, etc. Teachers can also be involved in the guidance of ideas.

E. Team Members of the Organization

Learning prior to the start of the event, try to make each student get to know each other and can organize students to apply for a blog, their detailed fine personal information along with photo upload to blog can also be personal information to email to all fellow students. To encourage students in the learning process of mutual help and mutual help, and not just a problem to solve their own or wait for the teacher to be answered, which can make students realize the value itself is reflected in the group, and further stimulate the passion of learning and problem solving. According to the different stages of learning tasks and the students show specific state of mind to take a certain form of organization, such as experienced, professional, learning objectives similar students into several groups, each group set up a responsible[16] person, has overall responsibility for the group learning, monitor and report the whole learning process, group discussion and learn to write the report, and in the whole learning process arrangement subject matter experts and technical personnel for special guidance.

In a real-time monitoring system and interactive process, teachers become students learning help and guidance in the process, actively explore the construction and meaning, and fully mobilize students' learning initiative of students and vigorously support and assist the student organization network collaborative learning, monitoring and regulation of the learning process, and to give guidance.

V. CONCLUSION

Communication concept is the mainstream concept of modern moral education, construct the multi-dimensional interaction by using computer network, build a communication platform, can the ideological and political education, help educators to grasp the new era, clear teaching ideas, innovative methods of work, make full use of modern features, the development of the times and adapt to the Internet to build a communication platform and massive video can communication and learning resources, multi-channel, full range, to let the students have a sense of belonging in a variety of forms of communication, influence character by environment affect students' ideology and values, efforts to enhance the ideological and political education effectiveness and pertinence, and create a new situation in the school moral education, it will be a major application of computer network in the ideological and political education.

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