

Research on the Integration of Information Technology and Ideological and Political Course under the Background of Artificial Intelligence

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Abstract. Under the artificial intelligence environment, the integration of information technology and curriculum teaching is deepening, which provides an important impetus for optimizing the classroom teaching form, integrating high-quality resources and promoting the three-dimensional upgrade of curriculum teaching. In order to realize the ideal value of ideological and political education, it is necessary to construct an intelligent ideological and political course based on the mature application of information technology, fully display the vitality of ideological and political education classroom, in order to achieve the ideal effect of ideological and political education. Through the application of artificial intelligence technology as the research background, systematically explore the integration of information technology and ideological and political courses path.

Keywords: Artificial Intelligence, Information Technology, ideological and political course, fusion research.

In the application of each educational technology, the collision and integration of knowledge and technology will be embodied in the whole process of design, development, utilization, management and evaluation. The application of artificial intelligence technology in ideological and political education can not be limited to the theory of ideological and political education and the concept of Zhao Kuo, we should examine how the benefits of intelligent education technology can be realized in all aspects of ideological and political teaching design, so as to embed the idea of intelligent age into ideological and political teaching.

1 The new changes of ideological and political course under the background of artificial intelligence

Artificial intelligence technology in ideological and political teaching methodology, showing a "thought and reality" Unity of opposites. On the one hand, this contradiction is reflected in the mismatch between the advanced concept of artificial intelligence technology and the outmoded construction of intelligent teaching concept. On the other hand, this is the common development opportunity of the potential market of wisdom education and the inflection point of ideological and political teaching reform in colleges and universities. In order to realize intelligent education, ideological and political education

in colleges and universities has gradually changed to a style of accuracy, pluralism, autonomy and coordination, teaching decision-makers also recognize the possibility that artificial intelligence technology brings for the diversity development of teaching material system. In order to conform to such a complicated relationship between "thought and reality", the development of the methodology of ideological and political course in colleges and universities in the era of artificial intelligence must be a combination of differentiation and unification. It not only needs to keep the position of the basic theory of Marxism in the teaching material system, but also needs to adapt to the needs of the times and use new teaching techniques to subdivide the forms of knowledge expression.

After the unified content frame of ideological and political education policy, the differentiation trend of ideological and political education method development is the inevitable result of the intellectual development of ideological and political education. There are two main forces driving this divergence. The first is the external motive force, which originates from the persistent motive force brought by the realistic problems of social development and the need for ideological and political education in universities to fulfill its social service responsibility. With the advance of network construction, the contact point of information tends to be ubiquitous and the internalization of knowledge becomes more and more scattered. In order to help students analyze and solve real life problems better with the basic stand, viewpoint and method of Marxism, the content design of ideological and political theory also needs to get rid of the block-cramming teaching, subdivided teaching of small unit knowledge structure. The second is the endogenous motivation, which mainly comes from the desire of the ideological and political education subject itself for cross-domain knowledge production. In the era of globalization, due to the intensification of competition, the complexity of social problems has been gradually increased. These complex problems are not solved by a single knowledge structure of ideological and political science, the theory of ideological and political science needs multi-disciplinary and multi-domain thought, which also makes the process of multi-domain subdivision of ideological and political education speed up and expand.

The development of wisdom education also puts forward higher demand for the professional level of ideological and political teaching technology application. On the one hand, ideological and political education workers need to be familiar with the application of different intelligent education technology scene, in order to fit the teaching effect of different teaching links. On the other hand, the professional quality of ideological and political education workers is still the core of the application of intelligent education technology, ideological and political education is not the guarantee of deviation. Therefore, it is particularly important to make use of the adaptive characteristics of artificial intelligence technology to break through the barriers of ideological core and technology application of ideological and political educators. The advantage of adaptive feedback is that it can realize the automatic design of ideological and political education content by digital calculation, but we still need to guard against the separation of knowledge and value of ideological and political theory content. In order to avoid this situation, ideological and political education needs to emphasize the subjective status of the educators and the Educatees, and improve the construction of knowledge atlas with the help of core professional knowledge, adaptive feedback to realize the integrity of ideological and political education.

For the educators, the ideological and political teaching can take the core knowledge principle as the node, take the mainstream ideology wind as the boundary line, construct the dynamic knowledge atlas which has both the knowledge and the value. As for the educated, they can give full play to their subjectivity, internalize the structure of ideological and political knowledge and improve their ideological and political moral level. The two interact with each other to give full play to the guiding role of ideological and political

education and to ensure the richness and integrity of the content of ideological and political education.

2 The challenges of the integration of information technology and ideological and political education in the context of artificial intelligence

With the development of science and Technology, artificial intelligence technology is in a process of rapid perfection and maturity. The development of artificial intelligence has brought about a brand-new educational and teaching idea, promoted the innovative thinking in the field of education, and provided a strong technical support for the educational reform in the new era. However, how to fully integrate AI into the field of education, especially into the ideological and political education, is still in the exploratory stage, AI education application is not yet fully mature, to a large extent, still need to continue to explore.

The key to the effective integration of education and AI technology is the effective integration of teachers and AI technology. Faced with the rapid development of artificial intelligence technology in the information age, ideological and political teachers in colleges and universities must quickly adapt to the requirements of this situation, be good at learning, and master the relevant knowledge in the fields of artificial intelligence and information technology, to continuously improve the ability of applying new technologies, and to embody and transform technological advantages into their own professional advantages and teaching abilities, so that artificial intelligence and other advanced information technology to improve their ideological and political education level of an important means. This form of ideological and political course of the university teachers of the overall quality of the higher requirements. However, most of the teachers in ideological and political courses are liberal arts graduates, and their proficiency in AI technology is insufficient, which makes the advantages of AI technology can not be fully and effectively demonstrated in the educational process.

From the point of view of the object of ideological and political education, artificial intelligence has limited ability to discriminate and process various kinds of information, such as not being able to fully identify and filter some poisonous and harmful information, these good and bad mixed information become a hidden danger in the ideological and political education. The high frequency of use of the Internet and new information technology tools by the entire social group at present is among the young people whose values are at a critical stage of formation and development. Under the artificial intelligence technology background, the internet information presents the characteristics of magnanimity, fast transmission, barrier-free, and so on, but the youth group sometimes lacks the correct value judgment, they can not screen out the useful information and filter out the harmful information, which makes them easy to be misled by the bad information and affect the positive guidance of ideological and political education in schools.

The goal of the ideological and political education in colleges and universities is to guide the ideological and political aspects and to educate the core socialist values of college students in accordance with the requirements of social development and the laws and practical needs of the development of college students' spirit, ideology and cognition, to form a correct view of the world, values and outlook on life. In the process of ideological and political education in colleges and universities, ideological problems account for the vast majority. Ideological and political teachers should be good at making students be educated and influenced in the positive emotional experience state through the imperceptible education method, and then generate a healthy and stable mental state to achieve the goal of ideological and political education. In this process, ideological and

political teachers should flexibly use a variety of teaching methods and means, be good at grasping the best educational situation and opportunity, so that students can be fully edified. At present, there are still some gaps between AI and imitation of human teaching behavior, and these gaps are often the key and focus of ideological and political education. This kind of technical restriction is very obvious, if can not improve, will make the education effect big discount even in the form, then affects the ideological and political education goal realization.

3 The integration strategy of information technology and ideological and political course under the background of artificial intelligence

The application of information technology to teaching will have a double-sided effect, we should look at it dialectically and try our best to get rid of the negative influence of information technology on ideological and political teaching. No matter how the information technology develops, the teacher is always the leader of the classroom, and the students are guided by the study. Under the condition of information technology, in the cloud classroom, massive open online course and online-to-offline hybrid teaching process, first of all, ideological and political teachers should actively integrate various teaching resources before class to improve the control of the curriculum. In the era of network information, teachers should pay attention to the hot issues and focal points at home and abroad, and integrate them into classroom teaching, set up problems, guide students to discuss and criticize the wrong opinions at home and abroad, Under the environment of information technology, ideological and political teachers should change their ideas, keep pace with the times, learn and improve the ability of information technology application, and integrate it into classroom teaching. First, strengthen the training of information technology application ability, through the way of phased training, the first stage is the basic application stage, the second stage is the skilled application stage. Some older teachers who have little contact with information technology will be arranged as the first stage. Through training, they will master the basic skills and solve the problem of "how to use information technology" in ideological and political education. Young teachers and middle-aged teachers can be arranged into a second phase, which focuses on "what to do" to better integrate information technology into ideological and political education, training can take the form of "go out" and "come in". Secondly, teachers of ideological and political courses should also learn to rationally screen and choose all kinds of information technology, not blindly follow the integration of information technology into ideological and political teaching, and choose educational methods suitable for themselves, technical means adapted to educational content. At the same time, ideological and political teachers in colleges and universities should set a good example for students by setting a good example.

Although ideological and political course teachers in colleges and universities have a solid theoretical foundation, they are relatively deficient in information technology literacy. But the ideological and political course and the information technology deep fusion, the ideological and political course teacher's comprehensive accomplishment is very key. Therefore, colleges and universities should strengthen the ideological and political course teachers information technology training, constantly improve the ideological and political course teachers information literacy and modern education capacity. First of all, colleges and universities should organize ideological and political teachers to carry out information technology training so as to enable them to master information technology knowledge and related skills. At the same time, the innovative development of information technology will

never stop, which requires colleges and universities to increase the study of information technology theory on the basis of imparting information skills when training ideological and political course teachers, to promote their awareness of the advantages of information-based teaching, so that they can consciously learn information technology in practice, to ensure that their information literacy level to meet the information technology and ideological and political education in-depth integration of the requirements of teaching. Secondly, ideological and political teachers should organize regular teaching experience exchange meetings, study excellent deep integration cases together, and constantly enhance their sense of integration and ideological and political information teaching ability.

Teaching structure is one of the basic elements of ideological and political education, which is composed of teachers, teaching materials, students and teaching media. First of all, from the perspective of ideological and political teachers, ideological and political teachers should change their teaching concepts, take ideological guidance as their main teaching goal, and make effective use of information technology to create teaching models that meet the actual needs of students, to provide a guarantee for carrying out targeted ideological and political education. Secondly, based on the perspective of students, students should actively participate in ideological and political class teaching design, give full play to their cognitive advantages of information technology, and make suggestions for ideological and political class teaching design, continuously improve the participation of students in the classroom, for the information technology and ideological and political education teaching in-depth integration escort. Finally, from the perspective of teaching materials and teaching media, teaching materials and teaching media should complement each other on the basis of integration, so as to make the teaching contents of ideological and political courses conform to students' reality, it is convenient to improve the actual effect and quality of ideological and political education. Teaching media is the embodiment of information technology. We should base on teaching materials and perfect the function of multimedia, so as to meet the needs of ideological and political education and realize the integration of information technology and ideological and political education.

4 Conclusion

In recent years, the extension of ideological and political education has been expanding, from knowledge-based education to wisdom-based education. The ideological and political education in the new period not only pursues the simultaneous coexistence of knowledge and values, but also realizes the simultaneous development of morality and wisdom, and restores the true essence of the ideological and political course of "truth, purity, reality and liveliness." Realize "change knowledge into wisdom". The thinking of wisdom education of wisdom education system is in line with the development demand of ideological and political education transformation. Wisdom education emphasizes a kind of educational idea and value pursuit, which can inspire people's wisdom and innovation ability, promote the actual effect of education and cultivate people with wisdom.

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