

Research on Empowering the Construction of Ideological and Political Courses in Universities with Artificial Intelligence

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Abstract: *With the development of the times, artificial intelligence technology is also constantly evolving and maturing. Artificial intelligence technology is of great significance to the construction of ideological and political courses in universities. This article will discuss and study from three aspects: the background of AI empowering the construction of ideological and political courses in universities, the significance of AI empowering the construction of ideological and political courses in universities, and the challenges and countermeasures of AI empowering the construction of ideological and political courses in universities.*

Keywords: Artificial Intelligence, College ideological and political courses, Build.

1. The Background of Empowering the Construction of Ideological and Political Courses in Universities with Artificial Intelligence

1.1 The Driving Force of Technological Development

With the development of the times and continuous breakthroughs in science and technology, artificial intelligence technology is also constantly evolving. At present, cutting-edge technologies such as big data analysis, natural language processing, machine learning, virtual reality (VR), and augmented reality (AR) are gradually maturing and widely applied in various fields. The development of artificial intelligence technology is of great significance for breaking traditional models in the field of education and achieving transformation and development in the education sector. The development of artificial intelligence has opened up new research directions and means for the construction of ideological and political courses in universities. College ideological and political courses must keep up with the development of the times, constantly update their technology, in order to constantly break through and promote the high-quality development of college ideological and political courses, and truly achieve the role of teaching and educating students.

1.2 The Need for Educational Reform

With the development of the times, the drawbacks of traditional ideological and political courses are increasingly exposed. It is necessary for ideological and political courses in universities to develop towards higher quality, rather than sticking to old rules, remaining unchanged, and lacking innovative breakthroughs. The traditional teaching mode of ideological and political courses has problems such as single content, lack of richness, dull form, lack of diversity, poor effectiveness, low student interest in learning, and low popularity. In the context of informatization, networking, and intelligence, the ways in which students receive information have become more diversified. Therefore, there is an urgent need for active reform and innovation in ideological and

political courses in universities to better analyze the characteristics of college students in the new era, propose targeted and reasonable methods, meet the needs of college students, and truly achieve the fundamental task of moral education and talent cultivation in the construction of ideological and political courses in universities. Empowering the construction of ideological and political courses in universities with artificial intelligence provides more possibilities for the high-quality construction and development of ideological and political courses in the future.

1.3 The Needs of Social Development

At present, China is in the stage of developing socialism with Chinese characteristics in the new era, facing new opportunities and challenges. This requires high-quality development as a guarantee, and ideological and political courses in universities undertake the fundamental task of cultivating morality and talents, which is of great significance. This requires ideological and political courses in universities to bravely break tradition and develop towards high-quality direction. Only in this way can we truly cultivate socialist builders and successors with comprehensive development in morality, intelligence, physical fitness, aesthetics, and labor, and truly highlight the value and significance of ideological and political courses in universities.

2. The Significance of Artificial Intelligence Empowering the Construction of Ideological and Political Courses in Universities

2.1 Improve the Pertinence and Effectiveness of Ideological and Political Courses

The traditional teaching form of ideological and political courses in universities is single, and the teaching cannot achieve full coverage, and the grasp of students' learning situation is not comprehensive. Artificial intelligence technology can help teachers deeply analyze students' classroom participation and learning mastery in education and teaching, facilitating the orderly development of teachers' teaching work. At the same time, artificial intelligence technology can deeply analyze the actual situation of students,

help students develop targeted ideological and political education content according to their characteristics and needs, make teaching more personalized, meet personalized needs, and stimulate students' learning interest and initiative as much as possible, so that students can truly become active participants rather than passive recipients, fundamentally improving the pertinence and effectiveness of ideological and political courses, and enabling college ideological and political courses to play their important role. Enable students to truly recognize the importance of ideological and political courses, truly identify with and enjoy ideological and political courses in universities.

2.2 Expand the Teaching Scope of Ideological and Political Courses

The traditional teaching method of ideological and political courses in universities is single, generally dominated by teachers' classroom lectures, with dry expression forms, and students are limited in terms of time and space during the learning process. With the development of the times, artificial intelligence technology is gradually maturing, which can help universities' ideological and political courses break through traditional limitations, achieve breakthroughs and development, and break the time and space boundaries of ideological and political courses in universities. It is not limited to the classroom or campus, but extends ideological and political courses to multiple fields such as online, offline, virtual reality, campus, and society. The time is more fulfilling, not limited to classroom teaching time, allowing students to learn anytime and anywhere and enrich themselves. At the same time, artificial intelligence technology can also provide rich teaching resources and teaching methods for ideological and political courses in universities. The development of artificial intelligence technology has made the ways to obtain teaching resources for ideological and political courses in universities more diverse, the content more abundant, and the teaching methods more diversified. For example, in the past, teachers could only let students understand some distant or cross provincial red scenic spots through videos, pictures, and lectures. However, with the development of science and technology and the maturity of artificial intelligence technology, even in the classroom, we can use VR technology to allow students to enter red scenic spots and venues without leaving their homes for learning, allowing students to immerse themselves in learning, analysis, and feelings, improve the effectiveness of student learning, and deepen their understanding of ideological theory. And understanding.

2.3 Promote the Digital Transformation of Ideological and Political Courses

The development and maturity of artificial intelligence technology provide strong support for the digital transformation of ideological and political courses in universities. The times are developing, technology is constantly innovating, and ideological and political courses in universities cannot always stick to old rules without breakthroughs and development. Ideological and political courses in universities should make good use of contemporary advantageous resources to promote the construction and reform of ideological and political courses in universities. For

example, the teaching of ideological and political courses in universities is generally conducted in large classes, which makes it difficult to achieve full coverage and fully understand the classroom participation and mastery of each student. How can we solve and adjust in the face of such a situation? In the process of teaching, we can make full use of digital technology and use platforms such as Chaoxing Learning Platform and Rain Classroom to achieve full coverage of classroom teaching, allowing every student to participate in classroom activities and express their ideas in class. At the same time, every voice can be heard, and teachers can also use digital technology to timely understand students' learning and mastery situation, so as to adjust course content and teaching speed in a timely manner, and find the most suitable pace for students for targeted teaching. Making good use of artificial intelligence technology not only helps to improve the teaching quality and efficiency of ideological and political courses, but also promotes the innovative development of ideological and political courses.

2.4 Cultivate Intelligent Ideological and Political Talents that Meet the Needs of the New Era

Applying artificial intelligence technology to the construction of ideological and political courses in universities can not only enhance students' ideological and political literacy, but also broaden their horizons, improve their thinking ability, cultivate their innovative thinking and practical ability through artificial intelligence technology, so that students' learning can not only stay in the classroom or theoretical level, but can truly guide students' practice and innovation, achieving the integration of theory with practice. Not only should students always have innovative consciousness, but they should also have innovative ability. Only in this way can we truly cultivate intelligent ideological and political talents that are suitable for the development of the times and meet the needs of the times.

3. Challenges and Countermeasures of Empowering the Construction of Ideological and Political Courses in Colleges and Universities with Artificial Intelligence

3.1 The Challenge of Empowering the Construction of Ideological and Political Courses in Universities with Artificial Intelligence

The difficulty of technology integration and application: Artificial intelligence technology is constantly developing and maturing, which has important significance for ideological and political education in universities. Applying artificial intelligence technology to ideological and political education in universities can better promote the development of ideological and political education towards high quality. However, in teaching, how to choose the best software among numerous artificial intelligence software, how to maximize the use of high-quality software functions, and how to keep up with the latest development trend of artificial intelligence are all problems that need to be constantly explored and solved. Therefore, although there are numerous artificial intelligence technologies, there are certain difficulties in accurately and reasonably applying them to the teaching of ideological and

political courses in universities. In addition, the mastery of artificial intelligence technology by ideological and political course teachers will also affect whether AI technology can be well applied to ideological and political course teaching in universities, enabling AI technology to better empower ideological and political courses in universities.

The improvement of teachers' technical literacy: Artificial intelligence technology is constantly developing, but some ideological and political course teachers in universities have not yet increased their attention to artificial intelligence technology, and have not realized the importance of artificial intelligence technology in today's society and ideological and political course teaching. They still habitually use their familiar teaching methods in the process of education and teaching. Some ideological and political education teachers have realized the importance of artificial intelligence technology in ideological and political education teaching, but there are certain shortcomings in the use of artificial intelligence technology, which cannot be applied with high quality and cannot provide students with correct guidance. Therefore, it is crucial to enhance the understanding of ideological and political education teachers in universities about the development of artificial intelligence technology, the importance of artificial intelligence technology, and how to correctly select and apply the technological literacy of artificial intelligence.

The challenge of personalized teaching: The development and promotion of artificial intelligence technology play an important role in personalized teaching. However, there are still certain difficulties in using artificial intelligence technology to accurately analyze and judge the characteristics and actual situation of each student, and provide students with a targeted and high-quality teaching plan suitable for their learning. Therefore, although artificial intelligence technology is available to us, there are still certain difficulties and challenges in how to better utilize it and truly empower the development of personalized teaching in ideological and political courses in universities. Further breakthroughs are needed.

The lack of emotional communication and humanistic care: The fundamental task of ideological and political courses in universities is to cultivate students' political literacy and comprehensive literacy. The teaching of ideological and political courses in universities should not only impart theoretical knowledge to students and timely convey the latest national events to them, but also pay attention to the cultivation of students' worldview, outlook on life, and values, so that students have a sense of patriotism and social responsibility. And these are not just accumulations of knowledge points, but rather formed through emotional communication and humanistic care between teachers and students, guiding students correctly. Therefore, although artificial intelligence technology can promote the breakthrough and development of ideological and political courses, there are also certain shortcomings. We can choose artificial intelligence technology according to our own needs, but we cannot rely on it.

Data Security and Privacy Protection: With the rapid development of the information age, breakthroughs in

artificial intelligence technology have brought benefits to the development of various fields, but there are also certain risks, such as data security and privacy protection. In the teaching process, some information and situation data of students and teachers may be stored in the system. How to protect the security and privacy of this information and data in the application of artificial intelligence software, and prevent it from being leaked and stolen, is an urgent issue that we need to solve and be highly vigilant and take seriously.

3.2 Countermeasures for Empowering the Construction of Ideological and Political Courses in Colleges and Universities with Artificial Intelligence

Strengthening technology integration and application training: In order to better apply artificial intelligence technology to the construction and teaching of ideological and political courses in universities, the country and schools need to regularly organize relevant training for ideological and political course teachers in universities, helping them to timely understand the national policies and guidelines on artificial intelligence, the latest development of artificial intelligence technology, as well as the functions and applications of the latest artificial intelligence technology and software. This will improve the ability of ideological and political course teachers to apply artificial intelligence software, so that they can better integrate artificial intelligence technology into teaching and improve the quality of ideological and political course teaching. At the same time, ideological and political education teachers should also provide correct guidance on students' use of artificial intelligence technology, comprehensively promote the integration and application of artificial intelligence technology into ideological and political education teaching, and promote the high-quality development of ideological and political education teaching.

Improving teachers' technical literacy: Some teachers have insufficient understanding of the importance of artificial intelligence technology and still choose traditional teaching methods. In response to this situation, it is necessary to encourage these teachers to participate in various academic exchange seminars and training on artificial intelligence technology, gradually transform their ideas, and make them truly aware of the importance of artificial intelligence technology in the construction and development of ideological and political courses in universities today, and improve their awareness and literacy; Some teachers are aware of the importance of artificial intelligence technology in the teaching of ideological and political courses in universities, but there is a lack of timely and comprehensive understanding of the latest technology. In response to this situation, schools should actively organize training on artificial intelligence technology and conduct experience sharing lectures on artificial intelligence technology to help teachers grow rapidly, improve the technical literacy of ideological and political course teachers, and enhance their ability to apply and practice artificial intelligence technology.

Promote personalized teaching: Increase the application of artificial intelligence technology, build a personalized teaching platform through artificial intelligence technology, timely input and update students' situations on the platform for data analysis and integration, in order to timely understand

students' situations and develop targeted teaching content and methods. At the same time, teachers should also make adjustments based on data analysis in order to develop more accurate and suitable teaching content and methods for students' development, promote the development of personalized teaching in ideological and political courses in universities, and improve the effectiveness of ideological and political education in universities.

Strengthening emotional communication and humanistic care: The development of artificial intelligence technology can provide us with a wealth of information technology and more comprehensive knowledge acquisition, enabling us to maximize the resources we can obtain. However, artificial intelligence technology can provide technology, the largest knowledge system and information volume, but it is cold and cannot provide emotional communication and humanistic care for students, nor can it provide emotional and emotional needs for students. Therefore, while using artificial intelligence technology, we should also pay attention to emotional communication and humanistic care between teachers and students, and cannot rely solely on artificial intelligence technology for teaching. In the process of teaching ideological and political courses in universities, ideological and political teachers should pay attention to using artificial intelligence technology while strengthening their attention to students, timely discovering their needs, and guiding them with correct worldviews, outlooks on life, and values. This not only helps students improve their knowledge reserves and political literacy, but also cultivates their patriotism and sense of social responsibility. Make students realize that ideological and political courses can not only learn theoretical knowledge, but also provide emotional needs, so that students can truly realize the importance of ideological and political courses in universities, and enhance their recognition of ideological and political courses in universities.

Strengthening data security and privacy protection: The continuous development of artificial intelligence technology and the rapid development of informatization have also brought certain risks and hidden dangers to information security. We often hear about issues related to information leakage. Therefore, it is necessary to establish a sound data security management system and privacy protection mechanism to ensure the security and privacy of student and teacher data, and prevent the occurrence of information leakage and abuse. At the same time, it is also necessary to strengthen education on information security for students, raise their awareness of information protection, and be vigilant about uncertain websites. Do not log in to uncertain websites at will; Do not casually disclose your information to others; Websites and software logged in on public computers should be logged out promptly after use, and one's login information should be deleted to enhance students' awareness of data security and privacy protection. Therefore, we need to use artificial intelligence technology correctly to better empower the construction of ideological and political courses in universities, promote the high-quality development of ideological and political courses in universities, comprehensively improve the quality of education and teaching, and truly achieve the fundamental task of moral education and talent cultivation in ideological and political courses in universities.

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