Research on the Path Problem of Empowering "Big Ideological and Political Course" with Digital Intelligence Based on the Background of Artificial Intelligence

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Abstract: *Under the background of artificial intelligence, the deployment and requirements of "promoting education digitization" have pointed out the direction and path for the construction of "big ideological and political courses". How to fully utilize digital intelligence technology to empower big ideological and political courses faces opportunities and challenges. Ideological and political theory education should also follow the trend, fully utilize digital technology, integrate advantageous resources, and effectively leverage the role of digital technology in empowering ideological and political courses, effectively enhancing the effectiveness of ideological and political education and teaching.*

Keywords: Artificial Intelligence, Great Ideological and Political Course, Digital Intelligence Technology.

1. Introduction

In recent years, with the rapid development of information technology, more and more AI technologies have been applied in various industries. The report of the 20th National Congress of the Communist Party of China clearly put forward the deployment and requirements of "promoting the digitization of education". Based on this, ideological and political education, which is responsible for the important task of cultivating morality and talents, as an important component of higher education, must adapt to the development of the times, strengthen problem orientation, adhere to open door education, highlight practical orientation, fully utilize artificial intelligence technology to empower ideological and political teaching, so that ideological and political teaching is no longer limited to small classrooms in schools, but should achieve a large classroom that combines online and offline, on campus and off campus, truly integrate ideological and political small classrooms into the social classroom, and effectively promote the construction of "big ideological and political courses".

2. The Important Value and Effectiveness of Empowering Ideological and Political Courses with Digital Intelligence

In today's digital age, digital intelligence has brought tremendous changes to ideological and political courses. Its key value lies in breaking the limitations of time and space, enabling high-quality ideological and political education resources to be widely disseminated and accessible to students no matter where they are. Digitization has enriched teaching forms, enabling real-time communication between teachers and students, stimulating students' interest in learning, and enabling real-time tracking. This is beneficial for teachers to grasp students' learning dynamics in real time, teach according to their aptitude, and empower digital education to make ideological and political courses more dynamic and effective.

2.1 Digital Technology Further Expands Teaching Resources and Achieves Diversification of Teaching Materials.

The traditional teaching mode of ideological and political courses is relatively single, generally depending on the teacher's existing knowledge and ability to select material materials. And digital technology breaks down this information barrier and further expands teaching resources. Artificial intelligence can use data analysis and artificial intelligence algorithms to help teachers accurately screen and push diverse content related to teaching content, such as the latest current events, classic cases, authoritative interpretations of the latest policy theories, etc. It can help teachers and students to access and deeply learn a wider range of knowledge in real time, making ideological and political education more effective. And further stimulate students' interest and willingness to learn, making the teaching of ideological and political courses more warm and profound.

Being down-to-earth is also more conducive to the construction of ideological and political courses.

2.2 Digital Technology Further Enhances the Interactivity of Teaching and Realizes the Diversification of Teaching Modes.

The traditional teaching mode of ideological and political courses is relatively dull, with teachers mainly lecturing and students passively accepting. Students' interest in learning cannot be stimulated, and they lack proactive learning. And digital technology breaks this single teaching mode by leveraging online education platforms and intelligent learning tools, and tailoring learning paths and content specifically for each student based on their learning progress, interests, preferences, knowledge mastery, and professional direction. This allows students to learn with a sense of direction and belonging, and is conducive to planning their future development direction. This deeply reflects the leading role and sense of value of the ideological and political education

course.

2.3 Digital Technology Further Innovates the Teaching Methods and Approaches of Ideological and Political Courses, Enhancing the Acceptance of Learning.

Digital technology has achieved a teaching mode that traditional ideological and political education cannot achieve. It can fully utilize technologies such as virtual reality (VR), augmented reality (AR), AI, etc., to help teachers create more vivid and realistic teaching scenarios in the classroom. Students can experience the context and process of historical events in simulated historical scenes and environments, and can deeply think about social hot topics and phenomena in immersive teaching, thereby further enhancing their understanding and mastery of classroom theoretical content. It can greatly stimulate students' enthusiasm and interest in learning, improve their participation and enthusiasm in learning. For example, through technologies such as VR, AR, or "cloud tours", students can "travel" to revolutionary periods or personally experience historical scenes, thereby enhancing their sense of social responsibility and historical mission.

2.4 Digital Technology Can Further Achieve Precise Teaching and Improve Learning Responsiveness.

Digital technology can not only help teachers improve the effectiveness of classroom teaching, but also collect and accurately analyze students' learning behavior parameters after class through digital technology. It can help teachers quickly and comprehensively understand students' learning status, so as to timely identify problems and adjust teaching strategies. For example, analyzing students' online tests can accurately grasp their mastery of various knowledge points.

In addition to the above reasons, the convenience, speed, and efficiency of digital technology help promote the full coverage of educational resources, providing more educational resources for students in remote areas, and enabling high-quality ideological and political education and teaching resources to cover a wider range of regions and groups, benefiting more students. Effectively implement the important task of cultivating virtue and nurturing people.

In short, the empowerment of digital technology in ideological and political education can contribute to the reform and innovation of traditional teaching models, and enhance the quality and effectiveness of ideological and political education.

3. The Dilemma of Empowering Ideological and Political Courses with Digital Intelligence

Everything has its advantages and disadvantages. When we talk about the effects of empowering ideological and political courses with digital intelligence, we also need to have a correct understanding and cognition of the practical problems that exist.

3.1 There are Technical Difficulties in the Integration of Ideological and Political Education Teaching and Digital Technology

At present, due to the lack of sufficient resources and abilities in some schools and teachers to apply digital technology, there are barriers to teachers' use of digital technology in teaching. Teachers have more or less moved traditional teaching content online, adopting some simple interactions and explanations. The lack of deep integration and innovation in the design of digital intelligence in courses has led to poor teaching effectiveness, resulting in some courses only presenting simple PPTs and recordings, without truly realizing the deep integration of digital intelligence technology with ideological and political courses.

3.2 There is a Digital Technology Gap Dilemma in the Teaching of Ideological and Political Courses

Currently, the coverage of educational and teaching resources in China has not been fully realized. Various regions, schools, and students are affected by various factors and may not be able to fully participate in digital education due to limited conditions. If network coverage is not fully achieved in some remote and underdeveloped areas, it will lead to the inability to implement ideological and political education in the field of digital intelligence.

3.3 The Dilemma Caused by the Uneven Distribution of Digital Education Resources

Numerical intelligence technology has the characteristics of human-computer interaction. In practice, some ideological and political teachers lack proficient application technology of numerical intelligence teaching information, which objectively brings technical barriers to innovative teaching modes and methods; Meanwhile, due to resource limitations in various schools and regions, teachers are unable to grasp the latest and hottest teaching resources and case materials in their teaching, which can also affect the effectiveness of digital intelligence empowerment. In addition, the more application of digital intelligence technology, the more accurate the data evaluation will be, which will also make the ideological and political courses lack humanistic care and emotional communication, making the courses farther and farther away from students, and even unable to achieve teaching goals and teaching effects.

4. The Path and Measures of Empowering the Construction of Ideological and Political Courses with Digital Intelligence

The empowerment of digital intelligence in ideological and political education has become a new direction for the current reform of ideological and political education. Its reform and innovation measures are also comprehensive strategies aimed at improving the teaching quality of ideological and political education, innovating teaching methods, enriching teaching resources, promoting the balanced distribution of educational resources, and further implementing the important task of cultivating morality and talents through digital and intelligent technology.

4.1 Fully Utilize Digital Technology to Integrate and Achieve Timely and Targeted Course Content.

The ideological and political courses are closely related to

national systems, policies, and social life, and their content has timeliness. Therefore, in the teaching process, relevant departments can fully integrate the latest political and hot topic issues according to the actual situation in various regions, establish a large ideological and political curriculum resource library, facilitate teachers to integrate courses such as "Five Histories" and "Situation and Policy" into the teaching process, make them more closely related to real life, ensure that the courses are timely and attractive, further stimulate students' interest in learning, enhance students' learning initiative and participation.

4.2 Fully Utilize Digital Technology and Innovate Educational and Teaching Methods and Tools.

The reform of ideological and political courses is always on the road. How to combine the learning and living characteristics of college students to carry out the reform of ideological and political courses is a severe challenge facing ideological and political workers. In the face of indigenous students living on the internet, it is necessary to fully utilize digital technology, use diversified teaching methods such as anime and short videos that students enjoy, innovate the teaching methods of ideological and political courses, and enable students to participate and even immerse themselves in them, enhancing their personal experience and sensitivity, in order to improve the acceptance of ideological and political theories. Truly moving the small classroom of the school into the big classroom of society, achieving the unity of value and knowledge in ideological and political education, and the unity of explicit and implicit education.

4.3 Fully Utilize Digital Intelligence Technology to Build a Digital Platform for Collaborative Education.

Based on practical considerations, there are objective differences in the digital technology of teachers and students in various regions and schools, which can easily lead to a digital technology gap and hinder the distribution and utilization of high-quality teaching resources for ideological and political courses. Based on this, schools in various regions should pay attention to the learning and training of teachers and students in digital intelligence technology, and steadily improve their use of digital intelligence technology; Secondly, we should leverage the educational advantages of various regions and build a digital platform for collaborative education, which is convenient for teachers and students at all levels of schools in different regions of the country to use, such as the opening and use of the National Higher Education Smart Education Platform and the National Primary and Secondary School Smart Education Platform. At the same time, further strengthen the supervision and management of the teaching process, thereby significantly improving the quality of ideological and political education.

4.4 Fully Utilize Digital Technology to Promote Collaborative Education Mechanisms Both Inside and Outside the School.

In the face of the era of digital intelligence and information, the reform and innovation of ideological and political theory courses should continuously enhance their ideological, theoretical, affinity, and targeted nature, adhere to the unity of theory and practice, indoctrination and inspiration, and the unity of explicit and implicit education. Based on this, the first step of the ideological and political education course is to expand the school's resources, deeply explore local educational resources, make full use of local museums, historical sites, and red cultural resources, lead students to visit in person or conduct practical investigation activities such as cloud visits using VR, AR, and AI technologies, expand students' knowledge, and stimulate their interest in learning; Secondly, the major of ideological and political education should be combined with the students' majors, and a school enterprise cooperation practice base should be established to help students receive ideological and political education in the process of professional learning, and achieve the same direction of ideological and political courses and curriculum ideological and political education; Finally, the ideological and political education should achieve the organic unity of school, society, and family education. Regular family school joint activities should be carried out to assist parents in understanding their students' school situation, jointly focusing on their growth and development, and truly realizing the "three pronged education", rather than schools fighting alone.

In short, in the face of the rapid development of digital technology, the construction of ideological and political courses cannot be achieved overnight. It requires the concerted efforts of the whole society, and new educational concepts and methods should be given to it, strengthening the empowerment of digital intelligence, and jointly making more contributions to the cultivation of socialist builders and successors with comprehensive development in morality, intelligence, physical fitness, aesthetics, and labor.

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