Research on Risks and Countermeasures of Ideological and Political Education Enabled by Artificial Intelligence

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Abstract. Artificial intelligence has become one of the focuses of attention, and its wide application in all walks of life has become a reality, and it is also of great significance for the empowerment of ideological and political education. However, at the same time, the ideological and political education enabled by artificial intelligence is faced with the risk of impacting ideology, weakening the dominance of ideological and political educators, and combining the virtual and the real. We should grasp the main line, intelligent teaching, and the combination of virtual and the real to better serve the ideological and political education of artificial intelligence, and provide new impetus for the construction of a modern socialist power.

Keywords: Artificial intelligence; Ideological and political education; Risk; Tactics

In 2019, the International Conference on Artificial Intelligence and Education congratulatory letter wrote: "China attaches great importance to the profound impact of artificial intelligence on education, actively promotes the deep integration of artificial intelligence and education, promotes education reform and innovation, and fully leverages the advantages of artificial intelligence." This provides technical support for cultivating diverse talents, but at the same time, it will also bring problems such as lack of identity, weakened status of educators as the main body, and emotional runaway of educators. We need to seriously consider, prepare response strategies, and actively promote the application of artificial intelligence innovation in ideological and political education.

1 The Connotation of Artificial Intelligence Enabling Ideological And Political Education

Artificial intelligence, as an important force in the technological wave, attaches great importance to ideological and political education with its vast data, cloud computing, human-computer interaction and other technologies. The unique nature of artificial intelligence makes its description more complex. The concept of artificial intelligence was first proposed at the Dartmouth Conference in 1956, known as "machine thinking like humans.". Since then, artificial intelligence has undergone various developments,
Some researchers define it as "a comprehensive science based on human brain recognition and independent of human consciousness. After nearly 70 years of development, artificial intelligence has shown extensive insights into new fields such as 5G technology and the Internet of Things. The field of ideological and political education is inseparable. It first appeared in psychological empowerment theory. This study suggests that it refers to empowering individuals or organizations with certain skills, enhancing the abilities of capable individuals, and enhancing the effectiveness of success. Improving one's teaching and management abilities, understanding content and form, and better enhancing the ideological and political abilities of educators to enhance the influence of ideological and political education.

2 Risks Of Artificial Intelligence Enabling Ideological And Political Education

We can't deny that artificial intelligence is fully connected in our lives. Artificial Intelligence can provide strong technical support for ideological and political education, meet the needs of students and create new forms, destroy traditional education, innovation and application of ideological and political education, while We also need to take care of the risks posed by industrial information on the ability to train ideas and political knowledge, and to reduce these risks.

With the continuous development and application of artificial intelligence technology, its influence in the field of ideological and political education is becoming increasingly important. The introduction of artificial intelligence has challenged traditional methods and forms of ideological and political education, influenced ideology, and led to the disintegration of our values in ideological and political education. Artificial intelligence cannot possess emotional, moral, and ethical judgment abilities like humans. The shaping of people's worldview, outlook on life, and values is often based on their perception and experience of others and things in life. However, artificial intelligence lacks the ability to perceive and experience, and cannot truly understand human emotions, accurately understand human thoughts and emotional needs. In this situation, artificial intelligence cannot correctly guide the value of human ideological and political education, leading to the neglect and dilution of the true value of ideological and political education.

AI technology is closely linked to politics. Artificial intelligence technology carries political value and reflects the political concepts and value orientation of the developers. This kind of concept is difficult to detect by means of sophisticated technology to penetrate people's political ideas. Artificial intelligence technology will analyze people's behavioral preferences, push targeted information, affect people's political cognition imperceptibly, change people's political inclination imperceptibly, and threaten ideological security. This will narrow the scope of students' cognition, block students' access to diversified information, block the information content that students should see, and seriously dissolve the sense of value of ideological and political education. In addition, the popularization of personalized learning systems has also led to a reduction in the connection between students and teachers, making the essence of ideological and political education thin, and greatly reducing the opportunities for students to think deeply and question, thus dissolving the identity of ideological and political education.

The rapid popularity and extent of human intelligence are very useful. With the rise of the Internet and the popularity of intelligent devices, individuals can obtain a variety
of information through the Internet anytime and anywhere, including the content taught by ideological and political education. Compared with the traditional way of ideological and political education, this convenient way of obtaining information allows students to freely choose the field of interest to study, and greatly enrich their knowledge horizon. However, this convenience also challenges the authority and standardization of ideological and political education, because individuals no longer need to be limited to the content provided by traditional educational institutions, and can obtain more diversified and even higher quality information through artificial intelligence technology. In this case, the traditional ways and values of ideological and political education began to lose some influence. For teachers, they may rely too much on the teaching materials and programs provided by AI systems, thus undermining their dominant position in the classroom and the independence of educational design.

Through smart devices and apps, students can easily access a large number of online teaching resources and learning materials. However, it may easily lead students to a state of passive and creative awareness. They may neglect interaction with teachers and classmates and focus on interaction with AI technology, creating a tendency for technology to replace human relationships. The intervention of AI technology may also have a potential impact on the way students think and values. Intelligent technologies tend to make calculations and judgments according to pre-set patterns and algorithms. In ideological and political education, this may limit students' ability to think and judge, making them habitually accept and follow the answers and conclusions obtained, while ignoring independent thinking and critical thinking. This is undoubtedly a huge challenge for an independent and innovative civil society.

3 Coping Strategies For Ideological And Political Education Enabled By Artificial Intelligence

The application of artificial intelligence in ideological and political education has brought about significant changes in ideological and political education. Actively accepting and adapting to the various conveniences brought by artificial intelligence technology, it has also been found that the combination of artificial intelligence and ideological and political education may lead to the dissolution of the value recognition of ideological and political education, weakening the subjectivity of ideological and political educators. And cause emotional loss in education. From the perspective of ideological and political education, measures need to be taken to address three potential issues: firmly grasping the main line, adhering to intellectual education, and strengthening the organic combination of emotional experience and rational thinking.

Ideological work is "about flags, about roads, about national political security." In this era of information explosion and rapid development of science and technology, ideological and political education is facing unprecedented challenges. Artificial intelligence technology means that "the world is no longer expressed in a way that we can understand; it has been digitized, left to algorithmic interpretation, and reconfigured in a cybernetic way." The algorithm itself is not biased, but the people who develop the algorithm will infiltrate their own ideas in it, resulting in the loss of value and fairness of artificial intelligence technology. Therefore, we must firmly adhere to the value orientation of ideological and political education and build a solid foundation for value. On the one hand, the application of AI technology must serve the fundamental principles and core values of Marxism. Marxism is a scientific world outlook and methodol-
ogy, which enriches the ideological system of mankind and guides us in the direction of progress. Artificial intelligence can provide more accurate and scientific methods and means for ideological and political education through data analysis and algorithmic models, but its application must conform to the Marxist ideological line and must not violate the core values of socialism. On the other hand, ideological and political education is a process of cultivating people's socialist consciousness and moral cultivation, which emphasizes shaping positive values through correct understanding of the world and life. Artificial intelligence can create a rich educational scene through virtual reality, artificial intelligence assistant and other technical means to provide a diversified way of participation, while avoiding the replacement of ideological and political education content by artificial intelligence to ensure that the core status of ideological and political education is still maintained. We must always adhere to the ideological theory of Marxism and the core value of ideological and political education to ensure that the application of artificial intelligence technology can truly serve the training of socialist builders and successors, and promote the continuous development of the cause of socialism with Chinese characteristics.

The application of artificial intelligence technology has entered the field of ideological and political education, which is a problem that requires extremely strict and serious treatment. In this field, teachers of ideological and political education must always adhere to the highest purpose of cultivating talents, and use technology as a tool to make reasonable use of it. We must be clear about our role positioning, always keep in mind the principle of educating people, and correctly grasp the application boundary of technology in education.

First, ideological and political education teachers must put training talents in the first place. We should not be confused by the trend of pursuing technology, but neglect the goal of ideological and political education. Although AI technology plays an important role in education, the key factor determining the quality of education is still the professional quality and educational philosophy of teachers. Therefore, we must adhere to the ideological and political education to cultivate socialist core values as the core, constantly strengthen their own knowledge reserve and professional level. The second is that technology is a means, not an end. In the use of artificial intelligence technology in ideological and political education, we must clarify its application scope and limits. We should not blindly pursue the lofty technology, while ignoring the humanistic care and emotional cultivation of education. Artificial intelligence technology can provide personalized education services, but the communication and shaping of teacher-student emotion need the teacher's personal participation. Therefore, we need to properly use artificial intelligence technology and integrate it into traditional teaching to promote the all-round development of students and the cultivation of ideological consciousness.

Third, teachers in the field of ideological and political education should always be alert and constantly update their educational ideas and methods. The rapid development of artificial intelligence technology changes the educational situation, we must timely understand and master the relevant technology, and learn how to effectively apply it to teaching. At the same time, we must continue to learn and explore new educational concepts and methods to adapt to the development of the times and the needs of students. With the help of the Internet and new technologies, actively building an online learning platform for ideological and political education, providing rich and diverse educational resources and communication platforms, and cultivating students' comprehensive development and ideological qualities.

Faced with the widespread application of artificial intelligence technology, we have to pay attention to the risks and challenges involved. When students come into contact
with a new and attractive virtual world, they may feel confused and unable to truly distinguish the boundary between virtual and reality. In order to solve this problem, ideological and political educators should attach importance to strengthening the rational thinking ability of the educated. Against the backdrop of the flourishing development of artificial intelligence technology, it is particularly important to cultivate students' critical thinking and ability to distinguish between virtual and reality. By guiding students to think deeply, analyze independently, weigh information from multiple angles and make wise judgments, it helps them to establish a critical and discerning thinking mode. Only in this way can the educated avoid the interference of the virtual world in ideological and political education and better perceive and understand the real world. As an educated person, we should improve our ability to distinguish and judge the information content. Efforts should be made to develop comprehensive quality and enhance the ability to distinguish the truth and falsity of information content. Faced with a large number of information input, we should be keenly aware of the misleading, do not easily believe one side of the rhetoric. It is necessary to deeply understand the characteristics of modern media and communication forms, and learn to obtain information from multiple angles and multiple media sources to fully obtain the collision and interaction of different viewpoints. At the same time, we also need to use critical thinking and logical thinking methods to comb and analyze information, so as to make wise judgments. The educated must strengthen the ability to distinguish the truth and falsity of information, pay attention to the participation of social practice, so as to cultivate a sound and open ideological and political quality.

4 Peroration

AI-enabled ideological and political education can improve the learning effect and ideological and political quality of students by providing new forms of education, personalized education and scientific decision-making support, and provide new impetus for our construction of a modern socialist power. At the same time, artificial intelligence is a double-edged sword, and we must avoid the risks brought about by artificial intelligence in ideological and political education. We must take appropriate measures to timely address risks, so that it can promote the development of ideological and political education.

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References


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