

# ***Intelligent Ideological and Political Education: The New Role of Artificial Intelligence***

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**Abstract:** Intelligent political and ideological education has steadily gained popularity in today's educational landscape due to the rapid advancement of artificial intelligence technology. This research aims to investigate the emerging role of artificial intelligence in political and ideological education. First of all, we clearly define and explain the concept of intelligent ideological and political education, and deeply analyze the basic connotation and characteristics of intelligent ideological and political education including its important value. Secondly, we analyze the application status of artificial intelligence technology in ideological and political education, and give two representative typical cases. At the same time, we also analyzed the innovative practice of artificial intelligence technology from two aspects of moral education and political education. Furthermore, given the difficulties AI technology faces in the context of political and ideological education, we suggest appropriate responses. This study concludes with a discussion on artificial intelligence's development tendency in ideological education going forward. Our prediction is that as artificial intelligence technology advances and becomes more sophisticated, intelligent education will serve as a strong basis for comprehensive innovation in educational methods, content, and management. This will enable the development of exceptional talent who possess a strong sense of national identity, global perspective, and social responsibility.

**Keywords:** Intelligent ideological and political education, artificial intelligence, educational technology, development trend

## **1. Introduction**

Artificial intelligence, one of the newest and most inventive technologies, is slowly making its way into a number of industries, including education. Intelligent ideological and political education is just a novel approach to instructional mode. It has It is now imperative to figure out how to use large data sets and artificial intelligence technologies to help educators overcome the blockings of time, space, and a heavy workload. This will enable workers to provide accurate feedback and positioning, raise the standard and efficacy of ideological instruction, and take appropriate action to address the challenge [1]. This research is devoted to the deep analysis of the new functions of artificial intelligence in the field of intelligent ideological and political education, the exploration of its specific influence and efficiency on ideological and political education, as well as the challenges and

countermeasures accompanied with it to encourage the superior growth of political and ideological education.

## **2. The promotion of Artificial intelligence towards intelligent ideological and political education**

### **2.1. The introduction of the meaning of intelligent ideological and political education**

Intelligent ideological and political education refers to a new mode of ideological and political education that improves and upgrades traditional ideological and political education through contemporary information technology such as big data and deep education[2]. The introduction of this idea indicates that new growth chances and hurdles have been brought about from conventional ideological and political education. Compared with the traditional ideological and political education, it is conducive to realizing the intelligent allocation of educational resources, promoting the fairness and inclusiveness of education, and providing equal learning opportunities and conditions for every student. However, the fundamental task of intelligent ideological and political education is still to cultivate youngsters by virtue and its critical problem to be solved is "who to train, for whom to train people, and how to train them".

### **2.2. The relevance of artificial intelligence and ideological and political education**

Artificial intelligence, one of the key factors influencing the growth of modern society, is significantly altering people's productivity and lifestyle. Simultaneously, The way that students are educated politically and ideologically greatly influences how they perceive their societal duty. The following characteristics show how closely ideological and political education are related to artificial intelligence. Artificial intelligence, first and foremost, offers new educational resources and instruments for political and ideological instruction. As artificial intelligence technology advances, it has been progressively incorporated into the field of education. Examples of this include virtual laboratories and intelligent learning platforms. Second, artificial intelligence provides rich educational resources for ideological and political education. In traditional one, teachers mainly rely on textbooks and classroom explanations to teach. Under artificial intelligence technology's support, teachers can use the network and intelligent systems to access various educational resources, such as high-quality educational videos and learning materials. For instance, the use of man-machine integration are one of the examples of how superior instructional films and learning resources provide a platform for common construction, common governance and sharing of ideological and political education resources. By using the thinking mode of big data, studying the internal mechanism of ideological and political education and external settings deeply, taking a page from other disciplines such as psychology, pedagogy, and meeting with the demand of society, we can constantly explore new ideas of ideological and political education to promote the advancement of ideological and political education career[3]. whats more, value-based guiding toward artificial intelligence is of the utmost importance for it. Ideological and political education, first and foremost, can assist individuals in developing accurate ethical conceptions of AI, and guide people to consider safety, confidentiality, and human dignity in the development of it. And it can also guide people to correctly view the relationship between artificial intelligence and human beings, emphasizing that artificial intelligence is only a tool for serving human beings which should not replace the human thinking and creativity.

### **3. The utilization status of artificial intelligence in ideological and political education**

#### **3.1. Application of Intelligent Tutoring System**

An instructional tool powered by artificial intelligence is the intelligent tutoring system, which provides students with personalized learning guidance and tutoring by simulating human intelligence. In ideological and political education, the application of ingenious tutoring system is gradually being emphasized. First of all, the intelligent tutoring system can provide customized learning resources and learning plans according to students' personal conditions and backgrounds. By analyzing students' learning data and behaviors, the intelligent tutoring system can understand students' weaknesses and problems, and then provide corresponding solutions and learning suggestions. This personalized tutoring method can more effectively serve the learning purpose of students, so as to exalt their learning effectiveness. Secondly, the intelligent tutoring system can also achieve automatic assessment and feedback through artificial intelligence technology. The traditional evaluation of ideological and political education mainly relies on the subjective judgment of teachers which cause problems such as inconsistent evaluation standards and inaccurate evaluation results. The intelligent tutoring system can quickly and accurately assess students' academic performance and ability level by automatically analyzing students' learning performance and answering questions, and give students timely feedback and suggestions. In addition, the intelligent tutoring system can also make monitoring and measurement of the learning process through artificial intelligence technology possible.

#### **3.2. The Intelligent and Interactive Environment provided by Virtual Lab for Ideological and Political Education**

Through virtual settings and interactive experiences, the virtual lab is an innovative teaching approach built on artificial intelligence technology that gives students access to a more vibrant and authentic learning environment. In ideological and political education, the application of virtual laboratories provides a new way to enhance students' ideological and political literacy and innovation. First of all, through the simulation of vivid intuitive political education scenario, virtual laboratory enable students to feel immersive ideological education involved in various situations and problems, this will go a long way towards improving the students' thinking ability and problem solving competence in the safe and immersive environment for all kinds of ideological practice such as participating in the moot court and simulation debate, etc, Secondly, the virtual laboratory is also conducive to promoting the interaction between students and teachers and their partners. Students can engage in dialogue and interaction with virtual characters in the virtual laboratory. They can also engage in a variety of ideological and political practice activities with other students, which not only encourages student participation and motivate their learning zest but also help to promote the cooperation among students to cultivate their team spirit and communication skills. This more vivid and dynamic learning scene enable students to better understand the core concepts and opinions of ideological and political education in the "man-machine dialogue". It will be possible for them to experience firsthand real-life circumstances of great men in the intelligent interactive environment, or directly talk with our great human sages across time and space so as to more intuitively experience the wisdom of the truth, the shining human wisdom, and feel those noble souls who just still unswervingly pursue the truth, goodness and beauty after going through numerous hardships. Such a teaching effect will be self-evident. Virtual laboratories can offer students individualized learning counsel and coaching in addition to analyzing and evaluating their learning behavior. They can also serve as engagement tools for students. This helps to compensate for the one-to-many teaching flaws of the traditional classroom in addition to increasing students' willingness to study and assessing their learning impact.

#### **4. The innovative practice of artificial intelligence technology in moral and political education**

##### **4.1. Case analysis of artificial intelligence technology' application in moral education**

Artificial intelligence technology has demonstrated distinctively novel practices in the sphere of moral and political pedagogy that serve as a new educational means and carrier in intelligent ideological and political education. First of all, when it comes to moral instruction,, artificial intelligence technology can achieve personalized teaching through the construction and application of intelligent teaching systems. Second, in moral education, AI technology can also be applied to student behavior management and evaluation. Through the intelligent monitoring system and data analysis, the behavioral characteristics and problems of students can be discovered in time, and targeted intervention programs can be provided for schools and parents to assist pupils in developing a healthy perspective on life and morals.

##### **4.2. Exploration of Innovative Practice of Artificial Intelligence Technology in Political Education**

The innovative practice exploration of artificial intelligence technology in political education encompasses a wide range of aspects. First, AI can assist political educators in comprehending the political tendencies and ideological dynamics of their students through big data analysis and mining techniques. meanwhile, AI can assist students enhance their political comprehension and ideological clarity by offering them tailored learning recommendations and direction via algorithmic systems. . Traditional examination and assessment methods can usually only provide static evaluation results, while artificial intelligence can provide more comprehensive and accurate assessment results through data analysis and pattern recognition. For example, through speech recognition and sentiment analysis technology, students' emotional state and concentration in the classroom can be monitored in real time, providing teachers with timely feedback and adjusting teaching strategies. Artificial intelligence has a powerful data seeking and archiving, high-speed encrypted computing and analysis recommendation engine functions, so that it is able to swiftly and comprehensively grab the students' education big data on the basis of scientific research and judgment of students' differentiated learning needs, and tailor a unique personalized learning program, and its intelligent terminal analysis technology enables teachers to flexibly arrange the teaching content of the next class according to classroom feedback, to achieve aptitude teaching[4]. Broadly speaking, the creative utilization of artificial intelligence technology to political pedagogy can not only enhance the effectiveness and caliber of instruction but also to broaden the scope and methods of conventional political pedagogy while encouraging the growth and development of students' overall qualities. Examining these techniques will help to advance the modernization, transformation, and creative growth of political education by offering valuable resources and insights for the creation of intelligent ideological and political education.

#### **5. Challenges and countermeasures of intelligent ideological and political education**

##### **5.1. The connection between the degree of intelligence of artificial intelligence and the traditional education model**

Applying artificial intelligence to the sphere of political and ideological education has gained popularity due to its swift progression. However, there are some connection problems between the intelligence degree of artificial intelligence and the traditional education mode. First of all, traditional education prioritizes developing students' critical thinking skills and humanistic traits. Artificial

intelligence, on the other hand, is primarily concerned with the gathering and interpreting of information. As a result, there is now a gap between the traditional educational model and the use of artificial intelligence in political and ideological teaching. When the application of technology disregards the cultivation of people's inner traits and the awakening of the curiosity for exploring the unknown world, such education will avoidably fail. Secondly, traditional education focuses on the living and vivid interaction between teachers and students, while the use of artificial intelligence education tools makes this communication very limited. Because it doesn't fully understand human language and emotion, let alone the body language such as eye contact. This will not only affect students' emotional communication and the establishment of interpersonal relationship, but also cultivate another sense of impersonal exam-oriented robot. Therefore, in order to address the issue of connecting between AI and the traditional education mode, we need to reshape the educational concept and make it clear that the essence of education is to make human beings live more intelligently and happily. Based on this, we can integrate the features of artificial intelligence technology, create intelligent learning aids that meet the standards of conventional education, experiment with new teaching methods like "infiltrating emotional teaching," and fortify the development of highly competent teachers so that technology can actually enhance education[5].

## **5.2. The challenges of moral and ethical guidance confront Intelligent ideological and political education**

As artificial intelligence continues to advance and grow, it is becoming progressively in the wake of a series of moral and ethical conflicts. In order to fully utilize artificial intelligence to instruct pupils in accordance with their aptitude, It is imperative to present a particular character picture, which may make the person concerned confronted with the risk of privacy leakage and even be exploited by others, causing disputes on data security and personal information protection.

First and foremost, strengthening the creation and enhancement of pertinent rules and regulations is required to address these issues to ensure the security of personal privacy and information. Second, we can introduce interdisciplinary team cooperation, including ideological education scholars, computer scientists, ethicists to jointly study the intelligent ideological education moral standards, such as ideological education intervention to the design and application of it to ensure that the artificial intelligence ideological ethics and design program dominated, aiming to develop artificial intelligence in a direction conducive to human society[6].At the same time, the supervision and review of artificial intelligence algorithms should be strengthened to ensure the fairness and objectivity of the delivery of educational content. In short, we need to intensify the research of artificial intelligence and human cooperation, design intelligent systems that can make decisions with humans jointly to meet the ethical challenges it brings and ensure the dominant position of human. As Marx, the great thinker of mankind, said in the Economic and philosophical manuscript of 1844, " Only when the object becomes subordinate to human, or the objectified things, will he do not lose himself in his own object."

## **6. The social benefit and future prospect of intelligent ideological and political education**

Intelligent ideological and political education will have a profound influence on the society. Intelligent ideological and political education can, first and foremost, be used to raise educational standards, achieve content personalization and differentiation to better serve the requirements of individual students and enhance efficiency of teaching. Second, pupils' ideological and moral guidance is strengthened by intelligent political and intellectual education. Furthermore, it can increase educational resources, dismantle regional barriers, and achieve educational equity in a large extent, enabling a greater number of students from economically disadvantaged backgrounds to have

access to excellent ideological and political education materials. In the future, as artificial intelligence technology develops and is widely used, intelligent ideological and political education will become more deeply ingrained in people's hearts and minds, which will aid in the cultivation of exceptional talent with high moral and ideological standards as well as innovative abilities, thereby advancing society's overall development.

## 7. Conclusion

This paper summarizes the application status and creative practice of artificial intelligence in ideological and political education, and analyse the advantages and challenges such as the connection problem with the traditional education model and some ethic issues through the exploration of the role of artificial intelligence. last, Along with emphasizing the expected future development tendency, it also stresses the social benefits of political and ideological education. In the upcoming years, we have to push for the further investigation and advancement of artificial intelligence technology in the fields of political and ideological education concerning its potential risks, promote the excellent development of intelligent ideological and political education, and provide more powerful support and guarantee for the training of socialist builders and successors.

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