

The orientation and development of Chinese university students' ideological and moral education in the age of artificial Intelligence

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Abstract: The application of artificial intelligence in the ideological and moral education of Chinese universities is an inevitable trend of the development of science and technology and The Times. Artificial Intelligence(AI) is not only the environmental constraint variable of ideological and moral education innovation, but also the driving factor of innovation process. AI drives the integrated development of information technology and ideological and moral education, enhances the affinity of ideological and moral education, and promotes the precision of ideological and moral education. Ideological and moral education should always aim at the social changes driven by artificial intelligence, and strive to cultivate new people who can compete and cooperate with robots.

1. INTRODUCTION

With the development of science and technology, artificial intelligence has gradually entered people's life and become an important means of production and service, which has a huge impact on education. With the advent of the age of artificial intelligence, the orientation and development of Chinese college students' ideological education are also facing unprecedented challenges and opportunities^[1-3].

The appearance of ChatGPT has a symbolic node significance for the development of artificial intelligence. The rapid development of technology, to some extent, is forcing deeper changes in the field of education. We have to rethink the impact and challenge brought by artificial intelligence to education and teaching system. In the age of artificial intelligence, college students are faced with the overflow of all kinds of information and knowledge, as well as more complex social environment and values. Therefore, ideological and moral education should become an important part of college students' ideological education. Universities should take cultivating students' noble ideological and moral qualities as their fundamental task, and guide students to set up correct world outlook, outlook on life and values, and form correct life goals and value choices by setting up moral education courses. This paper will make an attempt to explore the orientation and development of Chinese college students' ideological education in the era of artificial intelligence^[4-6].

2. THE BACKGROUND OF IDEOLOGICAL EDUCATION OF COLLEGE STUDENTS IN THE AGE OF ARTIFICIAL INTELLIGENCE

With the continuous development of artificial intelligence technology, it has become a powerful driving force in social and economic development. With the wide application of artificial intelligence, it not only changes our way of life and work, but also has a profound impact on the ideological education of college students^[7-8].

2.1 The influence of artificial intelligence on social development

With the rapid development of AI technology, more and more industries have been penetrated by AI technology. In recent years, the development of artificial intelligence technology shows an increasingly rapid trend, especially in the fields of image recognition, natural language processing, machine learning, deep learning and so on, and has made remarkable achievements. For example, as a generative AI software, ChatGPT can generate text on any topic and complete a variety of tasks, including answering questions, writing articles, essays and poems. Chatgpt has been hailed as "as historic as the birth of the Internet or the personal computer". In addition to answering structural questions, such as grammar correction, translation and finding answers. Most importantly, it can solve relatively open-ended problems, such as programming. It can also solve complex structural problems, such as making tables, translating and refining summaries.

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The impact of artificial intelligence on society is extensive and profound. As machines become more intelligent, they can better process and manage resources, leading to more efficient social services. While AI can improve production efficiency and reduce costs, it may also bring certain employment risks. Because some jobs may be replaced by machines and algorithms. For example, some traditional jobs in manufacturing may be replaced by automation, while some service industry jobs, such as customer service, sales, etc., may also be replaced by artificial intelligence. The application of AI has also brought about some security and privacy issues. For example, by analyzing personal data, AI can identify an individual's preferences and behaviors, which may lead to personal privacy being violated. In addition, the use of AI can also be abused by hackers, which can lead to serious security problems.

2.2 The way of thinking and values of college students in the era of artificial intelligence are changing

The rapid development and wide application of artificial intelligence technology is having an impact on the way of thinking and values of college students. Artificial intelligence can influence college students' thinking patterns and values to some extent.

On the one hand, artificial intelligence provides us with more, faster and more accurate information, which may make college students more dependent on science and technology and more inclined to pursue practicality and efficiency. On the other hand, AI can also help college students better understand and explore their way of thinking and personal values. For example, through interactive learning with machines, college students can gain a deeper understanding of their own behavior habits and preferences, and reflect on and adjust their way of thinking.

In conclusion, the impact of AI on college students' thinking patterns and values is complex and varied, depending on how individuals use and understand these technologies.

3. ORIENTATION OF COLLEGE STUDENTS' IDEOLOGICAL EDUCATION IN THE ERA OF ARTIFICIAL INTELLIGENCE

3.1 Focus on the innovation and practice of information technology

Under the background of digital economy and artificial intelligence technology, the ideological education of college students should keep up with the development of new technology, constantly pay attention to the innovation and practice of information technology, and cultivate the innovation ability and application ability of college students. For example, through the assistance of AI technology, students can better acquire knowledge, cultivate students' learning ability and practical ability, so

as to improve the competitiveness of students for future careers.

3.2 Thinking ability and personal values

Values of openness and sharing: The application of artificial intelligence technology requires massive data, so the values of openness and sharing have also become an ability that college students need to possess. College students need to learn to share and cooperate, and work with others to complete some large-scale projects and achieve win-win results.

The spirit of innovation and exploration: The rapid development of artificial intelligence technology has brought many new opportunities and challenges. College students need to have the spirit of innovation and exploration, and actively try new technologies and methods, so as to promote the development of technology and society.

3.3 Emphasize humanistic care and promote self-growth

In the context of the rapid development of new productivity represented by artificial intelligence, we cannot ignore that Chinese college students need stronger humanistic care and more self-growth. The ideological education of college students should pay more attention to the inheritance of the excellent traditional Chinese culture, such as Confucianism, Taoism culture, etc., guide college students to return to their hearts, start from the inner life, promote self-growth and cultivate self-cultivation. At the same time, ideological and moral education should be strengthened and emphasis should be placed on the cultivation of innovative spirit, courage, sense of responsibility and other aspects of college students.

4. THE DEVELOPMENT STRATEGY OF COLLEGE STUDENTS' IDEOLOGICAL EDUCATION IN THE AGE OF ARTIFICIAL INTELLIGENCE

4.1 Strengthen the value guidance of AI development

AI is not generated and operated in a vacuum separated from human society, but is deeply rooted in social reality. The mainstream value orientation is the "steering wheel" of AI, and the value guidance of AI development needs to be continuously strengthened. Artificial intelligence has brought a new dawn for social transformation. Compared with other education systems, the ideological and moral education system needs to plan ahead and plan ahead, cultivate intelligent people through intelligent education, consolidate the principal position of educators, fully explore the inner potential of life, and act as the lead dancer in the era of human and robot dancing.

4.2 Promote the interdisciplinary integration of ideological and moral education and artificial intelligence

The innovation of AI-driven ideological and moral education must follow the law of students' growth and development as well as the law of intelligent education. It requires interdisciplinary collaborative exploration to promote the interdisciplinary integration of ideological and moral education and artificial intelligence. First, we should strengthen the leading role of Marxist theory. Second, strengthen the integration and penetration of ideological and moral education disciplines and AI disciplines. Inject humanistic care into the construction of artificial intelligence discipline, form a consensus on the ethics of artificial intelligence, and always adhere to the benefits of artificial intelligence for human beings as the first principle. In the construction of ideological and moral education disciplines, the application of artificial intelligence technology should be truly promoted. The ideological and moral education driven by artificial intelligence should explore the development of human beings instead of pursuing the "intelligence" of education under the abduction of technology.

4.3 Improve the intelligent quality of ideological and moral education teachers

With the development of The Times, education has been developing towards the direction of diversification, individuation and informatization. How to improve the intelligent literacy of ideological education teachers has become an urgent problem in the education sector.

Through the establishment of a perfect teacher training system, the ideological education teachers can constantly improve their own intelligent quality, and better adapt to the requirements of the development of The Times.

By carrying out regular education and teaching research activities, teachers of ideological education can deeply understand the latest development of education and teaching, and better grasp the frontier theory and practical experience of education and teaching.

The rapid development of information technology has affected all aspects of education and teaching. Therefore, ideological education teachers should actively promote the integration of information technology and education and teaching, introduce information technology into teaching management, so as to better enhance their own intelligent quality.

4.4 Construct multi-party coordination of ideological and moral education innovation driven by artificial intelligence

The innovation of ideological and moral education involves not only the whole teaching process of ideological and moral theory courses, but also the management and service of ideological and moral work Section, through the school, family, society, government systems. The collaboration between schools to facilitate

the sharing of smart campus data. School and local coordination, and smart city construction connection. Schools should cooperate with AI enterprises to promote the development of intelligent education. Ideological and moral education should respect the user experience of college students to carry out innovation driven by AI. The use of various intelligent technologies is not necessarily standardized or template, but should be combined with the school situation to carry out intelligent customization. Therefore, it is necessary to deeply cooperate with artificial intelligence enterprises, so as to integrate existing commercial artificial intelligence technologies into the ideological and moral education links in a safe and fine way^[9-10].

5. CONCLUSION

In the face of the challenges posed by the AI exemplified by ChatGPT, education must be aware of the future, or else trying to educate people is as useless as trying to build a ship only to discover, decades later, that the destination is a desert. A person can really succeed, depends on the concentration of learning, can rise from interest to interest, and become full of personality traits are not the same; By the sense of responsibility and toughness, encountered difficulties indomitable, perseverance; Rely on good interpersonal relationship and collaborative spirit, can get the support and help of the team at the critical time. These learning qualities have nothing to do with technology. Therefore, in a world where new things keep emerging, we must maintain our focus on education, adhere to the direction of reform, and truly provide children with appropriate and meaningful education.

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REFERENCES

1. Liu, J.X., Wang, Y., Zhu, D.Y.(2023). Privacy Risks and Prevention of artificial intelligence Technology Embedded in Ideological and Political Education. *Western Journal* (05),68-73. doi:10.16721/j.cnki.cn61-1487/c.2023.05.011.
2. Zhao, J.(2023). Research on Innovative Path of School Ideological and Political Education in the Age of Artificial Intelligence. *Modern Commerce and Industry* (08),217-220. doi:10.19311/j.cnki.1672-3198.2023.08.072.
3. Cui, Cong.(2023). Discourse Practice of Ideological and Political Education on Artificial Intelligence Enabling Network. *Ideological and Theoretical Education* (03),91-96. (in Chinese) doi:10.16075/j.cnki.cn31-1220/g4.2023.03.007.

4. Liu, W.J., Yue, Z.L.(2023). Practical Challenges and Countermeasures of Artificial Intelligence Enabling Ideological and Political Education. Journal of Beijing university of science and technology (social science edition) (02) 188-194. The doi: 10.19979 / j.carol carroll nki issn10082689.2022100102.
5. Ran, J.H.(2023). Research on the path of Ideological and Political Education enabled by Artificial Intelligence Technology. Journal of Jinzhou Medical University (Social Sciences Edition)(01),1-7. doi:10.13847/j.cnki.lnmu(sse).2023.01.001.
6. Sun, C.T.(2023). Innovation of Ideological and Political education for College Students facing the era of Artificial Intelligence. Data (02),202-203.
7. Zhang, X.Q., Niu, X.X.(2023). Logical Approach to the integration of artificial intelligence and Ideological and Political Education in Universities. Journal of Hefei University of Technology (Social Science Edition)(01),138-144.
8. Chen,G.H., Zheng, L.(2023). "Masking" and "Masking" : Discourse Transformation of Ideological and Political Education in the Age of Artificial Intelligence and its Countermeasures. Theoretical Guide (02),117-123.
9. Liu, Q.Q.(2022). Challenges and Countermeasures of Ideological and political education in universities based on Artificial intelligence empowerment. University (36),30-33.
10. Wu, P.F., Cao, L.Z.,(2022). Embedment and Integration: An analysis of the relationship dimension between artificial intelligence and Ideological and Political education. Qin Zhi (12),124-126.