

Practical Path to Empower the Intelligence of Moral and Legal Education Resources

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Abstract

This article focuses on artificial intelligence to empower the intelligent application of moral and legal education resources, and explores its important role, real challenges and practical paths. Artificial intelligence can promote the "intelligent integration", "dynamic update" and "precise push" of moral and legal education resources, and improve the aggregation, timeliness and adaptability of moral and legal education resources, but face problems such as data processing and resource complexity adaptation difficulties, obstacles to teacher technology integration, and contradictions in student learning needs and resource utilization. To meet these challenges, we can promote the high-quality development of moral and legal education and realize the internalization and practice of moral and legal education results by strengthening the compatibility of artificial intelligence with moral and legal education resources, enhancing teachers' artificial intelligence literacy, and stimulating students' participation.

Keywords Artificial Intelligence; Moral and Legal Education; Practical Path

1 Introduction

With the advent of the digital age, artificial intelligence technology has set off a wave of change in various fields with its strong empowerment potential, and the field of education has also been deeply affected. Artificial intelligence shows broad application prospects with its powerful computing and reasoning capabilities, and "artificial intelligence+education" makes education more intelligent, precise and personalized. Artificial intelligence is an emerging technology that simulates, extends and expands human intelligence, and its morality is particularly important [1]. Moral and legal education, as an important course for implementing the fundamental task of cultivating morality and cultivating people, shoulders the important task of shaping students' correct world outlook, outlook on life and values. Its importance is self-evident. The nature of the courses of morality and rule of law determines that curriculum teaching must strengthen scientific practice, follow the laws of formation of moral cultivation and rule of law literacy, adhere to the ideological and value guidance of morality and rule of law courses, unify the directional guidance of morality and rule of law education with the development of students, and understand the reason, move them with emotions, and guide them with actions [2]. Moral and rule of law education resources are very rich, including moral and rule of law theory courses, social practice projects, campus cultural atmosphere and online education materials. The effective application of moral and legal education resources requires efforts from macro-coordination, classroom format innovation, teacher capabilities improvement, and intelligent technology integration. Artificial intelligence provides a new idea for the intelligent application of moral and legal education resources, and also promotes the integration of various resources more efficiently, the push is more accurate, and the presentation is more diverse. In the process of promoting the integration of artificial intelligence with moral and legal education resources, we face many obstacles such as resource adaptation problems, teacher digital literacy shortcomings and students' personalized learning needs. In-depth analysis of these real challenges and exploring practical paths is of great significance to giving full play to the effectiveness of artificial intelligence, rationally utilizing moral and legal education resources, and promoting the high-quality development of moral and legal education.

2 The Important Role of Artificial Intelligence in Empowering the Intelligent Application of Moral and Legal Education Resources

2.1 Promote "Intelligent Integration" and Enhance the Aggregation of Moral and Legal Education Resources

Artificial intelligence empowers moral and legal educational resources to enhance their aggregation. Moral and legal education not only covers all levels of schools, families, society, but also involves many aspects of people's thoughts, values, moral values. However, moral and legal education resources are widely distributed in various carriers and platforms, with diverse sources and forms, and traditional moral and legal education methods are difficult to efficiently integrate them. In response to this reality, artificial intelligence can comprehensively collect and sort out moral and legal education resources scattered in the network, libraries, academic databases and various social institutions with its powerful data processing and analysis capabilities. It breaks through the time and space between moral and legal education resources, uses knowledge graph technology to correlate and integrate different types of resources, such as text materials, video lectures, case analysis, etc., and builds a resource system with clear hierarchy and clear logic. For example, when using artificial intelligence to create a red cultural resource library, it can integrate information such as revolutionary stories, martyrs' lives, historical images, etc., so that students can deeply understand the connotation of the red spirit through immersive interactive experience. This "intelligent integration" method greatly enhances the aggregation of moral and legal education resources, enables various resources to complement each other and work together to provide richer and more systematic material support for moral and legal education, and enhances the breadth and depth of moral and legal education resources.

2.2 Achieve "Dynamic Update" and Maintain the Timeliness of Moral and Legal Education Resources

Artificial intelligence empowers moral and legal education resources to maintain their timeliness. Moral and legal education needs to be closely in line with the development of the times and promptly reflect new changes and new trends in the political, economic, social and other fields at home and abroad. The moral and legal education resources empowered by artificial intelligence can monitor current affairs hot topics, policies and regulations, academic frontiers and other information in real time by constantly updating the knowledge system. Through natural language processing and machine learning algorithms, massive information is screened and screened to quickly integrate valuable content into the resource library. Current intelligent learning intervention is more committed to solving students' current learning problems and meeting students' immediate learning needs [3]. The application of these advanced intelligent technologies not only brings many conveniences to students' learning, but also allows us to see the huge potential and development prospects of artificial intelligence to empower the intelligent application of moral and legal education resources. For example, when the country introduces new and important policies, artificial intelligence can quickly capture relevant interpretation materials and expert views, and update them to moral and legal education resources. In response to social hot events, such as major scientific and technological innovation achievements, discussions on social and people's livelihood issues, we can timely collect relevant cases and analytical comments to enrich moral and legal teaching content. This dynamic update mechanism ensures that moral and legal education resources are always fresh, so that the knowledge and cases that learners are exposed to are up-to-date, enhances the sense of time and attractiveness of moral and legal education, and allows moral and legal education to resonate with the times.

2.3 Achieve "Precise Push" to Improve the Adaptability of Moral and Legal Education Resources

Artificial intelligence empowers moral and legal education resources to improve their adaptability. Different students have individual differences in moral and rule of law learning, such as learning style, knowledge base, interest preferences, etc. Artificial intelligence technology can also accurately push teaching resources based on students' actual needs, but also provide intelligent teaching evaluation paths, constantly better adapting to students' personalized development needs and enhancing students' subjective selectivity for learning. Artificial intelligence uses big data analysis technology to deeply

explore students' learning behavior data and accurately grasp the characteristics and needs of each student. Based on these analysis results, a personalized moral and legal education resource push program is "tailored" for students. For students who prefer visual learning, more pictures and text-based materials and animation videos are pushed; for students who are concerned about international politics, they provide international situation analysis, foreign policy interpretation and other related content. At the same time, based on students' learning progress and knowledge mastery, dynamically adjust the push content to achieve a high degree of adaptation between resources and students' learning needs. For example, when conducting education on socialist core values, we will push cases and interpretation materials with different focus on the understanding difficulties and interests of different students to help students better understand and practice. Accurate push has improved the efficiency of the utilization of moral and legal education resources, so that resources can truly meet students' learning needs, and improve the pertinence and effectiveness of moral and legal education.

3 The Realistic Challenge of Artificial Intelligence Empowering the Intelligent Application of Moral and Legal Education Resources

3.1 Dilemma between Artificial Intelligence Data Processing Capabilities and the Complexity of Moral and Legal Educational Resources

Artificial intelligence empowers moral and legal education resources with its powerful data analysis capabilities. Although it brings efficient "intelligent integration" and powerful analysis capabilities, it is also deeply in adaptation dilemma. Although artificial intelligence has strong data analysis capabilities and can efficiently integrate moral and legal education resources, it is difficult to grasp the deep meaning and emotional expression of moral and legal education resources. Although the application of artificial intelligence in moral and legal education has opened up new teaching methods, it also faces many limitations. Moral and legal education resources contain profound historical and cultural heritage, complex social moral norms and values that keep pace with the times. Promoting moral and legal education requires in-depth understanding and interpretation of the context of the times, social context, etc., and thus convey high-quality ideological resources to more people. When artificial intelligence integrates moral and legal education resources, it is more reflected in data processing capabilities, and it is difficult to grasp the ideological connotation conveyed by moral and legal education resources. For example, when analyzing social hot events as moral and legal materials, artificial intelligence may only extract information based on surface data and count the number of similar events, and cannot deeply analyze the deep social reasons and political significance behind them, resulting in resource screening and integration deviating from the goals of moral and legal education, and it is difficult to effectively serve teaching practice.

3.2 Obstacles to the Integration Ability of Artificial Intelligence Technology and Moral and Legal Teachers in Resource Integration

When ethics and law course teachers integrate artificial intelligence technology with their own resource integration capabilities, although artificial intelligence has achieved efficient "dynamic updates", morals and law course teachers lack the grasp of timeliness. The creation of an intelligent learning environment has put forward new requirements for teachers' intelligent education literacy, transformation of teachers' professional development methods, and improvement of teachers' professional development concepts. If teachers cannot update their original cognitive thinking in a timely manner to adapt to the new requirements for teachers' professional development in the intelligent era, it will hinder and inhibit their own professional development [4]. First, the shortcomings in technical cognition and practical practice. The knowledge system of most moral and legal teachers adheres to the professional theories of moral and legal education, and their understanding of artificial intelligence technology is only on the surface. Not familiar with the operation and utilization of artificial intelligence, it is difficult to accurately locate high-quality educational content in the face of the explosive growth of moral and legal education materials in the Internet today. In practical operation, it often lacks the operation experience of data mining and information analysis software, and cannot extract key information from massive moral and legal educational resources, resulting in inefficient resource integration and difficult to meet normal teaching needs. The second is the lack of energy and time to continue learning. Artificial intelligence technology is updated very quickly, and new

technologies and concepts are constantly emerging from basic natural language processing to complex deep learning algorithm applications. The daily teaching tasks of moral and legal teachers are heavy. In addition to preparing lessons and teaching, they also need to correct homework and tutoring students. At the same time, they may need to undertake academic research and professional title selection tasks. Limited energy and time make it difficult for teachers to keep up with the pace of the times, to learn in depth and master new artificial intelligence technologies, which greatly hinders its integration and development with artificial intelligence technologies. Third, there is a conflict between educational concepts and teaching methods. Traditional moral and rule of law teaching is teacher-centered, with relatively single teaching methods, focusing on the explanation of theoretical knowledge. Resource integration supported by artificial intelligence emphasizes student-centeredness and personalized learning and interactive teaching. Some teachers of moral and legal courses are bound by traditional educational concepts and find it difficult to accept the transformation of teaching roles from the leader to the leader. In teaching design and classroom organization, it is impossible to fully utilize the resources integrated by artificial intelligence to carry out innovative teaching, making it difficult to effectively integrate technology and teaching practice.

3.3 Contradictory between Resource Utilization Driven by Artificial Intelligence and Students' Learning Needs

When students combine the resource utilization methods driven by artificial intelligence with their own learning needs, although artificial intelligence has achieved "precise push", there is a contradiction with their own needs. On the one hand, the problem of the accuracy of students' personalized learning and resource matching. The data collection methods of artificial intelligence are relatively single, and they often rely too much on data capture from online platforms, and ignore students' true thoughts and behavioral performance in daily life scenarios. Although artificial intelligence can push moral and legal education resources to students based on unique algorithms, it is often difficult to accurately meet students' real independent learning needs. Different students have different interests and knowledge weaknesses in moral and rule of law content. For example, some students are interested in moral and legal content related to international politics, while others prefer to pay more attention to the moral and legal elements in red culture. When analyzing students' learning needs, artificial intelligence is susceptible to data deviations and algorithm limitations. There is a deviation between push resources and students' real needs and cannot effectively help students' personalized learning needs. On the other hand, students' ability to think independently has declined. Students hand over a large number of cognitive tasks to artificial intelligence, which makes students' minds often empty. This has been done for a long time, forming a high dependence on artificial intelligence, making students' status as cognitive subjects marginalized and eventually alienated into slaves of artificial intelligence [5]. The knowledge summary of artificial intelligence accurately pushed makes students gradually lose the motivation to actively summarize. As a result, when facing problems, students no longer habitually dig deep into the roots and think repeatedly, but rely on ready-made conclusions given by artificial intelligence. Their thinking is gradually limited and it is difficult to form unique insights. The ability to think independently is also quietly weakened in this convenient resource utilization model, which deviates from the learning needs of students to develop comprehensively and improve innovative thinking.

4 Practical Paths for Artificial Intelligence to Empower the Use of Moral and Legal Education Resources

4.1 Strengthen the Compatibility between Artificial Intelligence and Moral and Legal Education Resources

The deep integration of artificial intelligence with moral and legal education resources is a key path to promote the innovative development of moral and legal education in the new era. To strengthen the adaptation of artificial intelligence technology and strengthen the compatibility of moral and legal education resources, we should firmly grasp the principle of "people-oriented". Taking the goals of moral and legal education as the benchmark, we will activate the key elements in enriching moral and legal education resources to make them as consistent with the actual teaching and meet the actual needs of students as much as possible. At the same time, we will integrate various high-quality resources into the moral and legal teaching system driven by artificial intelligence, so that technology and resources

can work together to form a strong educational synergy. On the one hand, moral and legal education should fully utilize the data mining and analysis advantages of artificial intelligence technology to deeply integrate various moral and legal education resources. The classic moral and rule of law theory is organically combined with rich and diverse current affairs cases and social hot issues, and the precise classification and matching of resources is achieved through intelligent algorithm technology, and finally presented to students through vivid and interesting interactive courseware, immersive virtual scenes, etc. At the same time, we will adhere to the implementation of the core socialist values, screen moral and legal education resources with correct concepts and value standards, explore educational resources with unique teaching value such as red culture and revolutionary culture, and promote the deep integration of artificial intelligence with moral and legal education resources while enhancing students' sense of national identity. On the other hand, we must pay attention to the construction of moral and legal classrooms and use artificial intelligence technology to create an intelligent classroom environment. Moral and rule of law classes are key courses for implementing the fundamental task of cultivating morality and building people. As the main battlefield of moral and rule of law education, the moral and rule of law classroom plays an important role in the integration of artificial intelligence and moral and rule of law education resources. With the help of big data analysis of artificial intelligence, we will reasonably organize and explore teaching themes and teaching cases suitable for moral and legal classrooms, and create an immersive classroom through intelligent interactive technology, continuously improve the teaching quality and educational effectiveness of moral and legal classes, so that moral and legal education can shine with the empowerment of artificial intelligence.

4.2 Enhance Teachers' Artificial Intelligence Literacy and Promote the Improvement and Efficiency of Moral and Legal Education Effects

The deep compatibility of artificial intelligence with moral and legal education resources must be enhanced. Teachers' artificial intelligence literacy must be enhanced. As the leader of moral and legal education, teachers must pay attention to the cultivation of their own intelligent literacy, continuously enhance their scientific and technological awareness and awareness of the times, and promote the quality and efficiency of moral and legal education. First, we must clarify the collaborative model between teachers and artificial intelligence. Teachers should correctly understand the relationship between themselves and artificial intelligence, rationally use artificial intelligence to improve teaching quality, and regard artificial intelligence as their right-hand assistant. Teachers should build a teaching framework based on the goals of moral and legal education and the actual situation of students. With the help of artificial intelligence, analyze massive educational data, understand students' ideological trends and cognitive shortcomings, and accurately match teaching content. During classroom teaching, teachers should be good at using intelligent interactive tools, such as interactive courseware and intelligent Q&A system, to stimulate students to think, guide students to understand the connotation of morality and rule of law from social hot spots and life examples, and shape a correct world outlook, outlook on life, and values. The second is to strengthen teachers' practical skills in artificial intelligence. Schools should organize special training regularly to cover basic theory of artificial intelligence, practical teaching software, and intelligent hardware application, to help teachers master relevant skills of artificial intelligence. For example, in-depth training on intelligent teaching platforms is carried out, so that teachers can learn to use the platform to conduct learning situation analysis and personalized tutoring. We must also help teachers understand the advantages and limitations of artificial intelligence through lectures, seminars and other activities, establish a scientific concept of human-machine collaborative education, avoid over-reliance on technology, and actively join humanistic care in the process of education. Third, we must build a scientific teacher incentive system. Schools need to innovate teacher evaluation standards and include the application effectiveness of artificial intelligence in moral and legal teaching in the scope of assessment. Teachers who actively use artificial intelligence and have significant teaching results will be given material rewards and spiritual commendations, such as bonus incentives, honorary titles, etc., to stimulate teachers' enthusiasm to consciously improve their artificial intelligence literacy and create a good moral and legal education and teaching atmosphere.

4.3 Inspire Students to Participate and Realize the Internalization and Practice of Moral and Legal Education Achievements

The deep compatibility of artificial intelligence with moral and legal educational resources must inspire students' subjective participation. In moral and legal education, we must adhere to the core concept of "teacher-led and student-led". Actively use artificial intelligence to rationally use and transform moral and legal education resources, and help students internalize and practice moral and legal education results. First, we must use the intelligent interactive platform to stimulate enthusiasm for participation. With the help of artificial intelligence, we create an immersive and interactive learning platform, such as restoring historical scenes through AR and VR technologies, recreating major historical scenes such as the Long March of the Red Army, allowing students to feel the advanced spirits of revolutionary ancestors in an immersive way, and stimulating students' interest in learning and desire to explore. The intelligent platform can set up intelligent Q&A, group competition and other links. Students can use real-time quiz, mutual reviews, rankings and other reward mechanisms to encourage students to deepen their understanding of knowledge through interesting interactions. Second, we must carry out personalized learning to meet diverse needs. Use artificial intelligence to analyze students' learning habits, knowledge mastery and interest preferences, and customize exclusive learning paths for each student. For example, students who are keen on Marxist philosophy will push interpretations of key books such as "History of Marxist Philosophy" to enhance students' autonomy in learning and promote the integration of moral and legal knowledge into their own cognitive system. Third, we must guide practical application and promote the unity of knowledge and action. When using artificial intelligence to learn moral and rule of law content, in addition to strengthening the learning and grasp of theoretical knowledge, we must also use artificial intelligence to integrate practical resources and actively apply what we have learned to real life to achieve the unity of knowledge and action in moral and rule of law education. For example, when students participate in social research projects, they can use intelligent data analysis tools to process questionnaire data and analyze the moral and legal principles behind social phenomena, such as analyzing the relationship between community elderly care services and the core socialist values. At the same time, they can use intelligent creative tools to produce short videos and public service advertisements on the theme of moral and legal themes to spread positive energy to the society, insist on continuously deepening moral and legal theoretical knowledge in learning, and constantly practicing the concept of moral and legal education in practice.

The use of moral and legal education resources empowered by artificial intelligence not only brings opportunities, but also has certain practical challenges. Therefore, we can break through three aspects: strengthening the compatibility of technology and resources, improving teacher quality, and stimulating student participation. In the future, moral and legal education should continue to deepen the integration with artificial intelligence, continuously optimize and innovate moral and legal education resources, help cultivate new people of the times, and promote the intelligent application and intelligent development of moral and legal education.

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Conflicts of Interest

The authors declare no conflicts of interest.

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人工智能賦能道德和法治教育資源智慧運用的實踐路徑

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摘要：本文聚焦人工智能賦能道德和法治教育資源智慧運用，探討其重要作用、現實挑戰與實踐路徑。人工智能能推動道德和法治教育資源「智能整合」「動態更新」「精準推送」，提升道德和法治教育資源聚合性、時效性與適配性，但面臨數據處理與資源複雜性適配困境、教師技術融合障礙、學生學習需求與資源利用矛盾等問題。為應對這些挑戰，可通過加強人工智能與道德和法治教育資源的契合度、增強教師人工智能素養、激發學生主體參與等實踐路徑，推動道德和法治教育高質量發展，實現道德和法治教育成果的內化與踐行。

關鍵詞：人工智能；道德和法治教育；實踐路徑

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