

Research on the Reform and Innovation of Higher Education System Based on Artificial Intelligence Technology

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Abstract: In our country, with the gradual establishment of market economy system and the gradual deepening of higher education system reform, especially with the acceleration of the popularization of higher education, the quality of higher education has been paid more and more attention by the whole society. At the same time, with the further popularization of information technology in life, artificial intelligence has gradually been applied to education. People use artificial intelligence technology to carry out personalized teaching activities, and then cultivate students' innovative ability and improve students' comprehensive quality level. This paper focuses on exploring the establishment of a new system of higher education management services. Based on the theory, the research deeply analyzes the important role played by the higher education evaluation system in the process of building higher education quality assurance system in China. Using empirical analysis and other methods, from the perspective of the interaction between higher education and scientific and technological innovation, this paper analyzes the lessons learned from the reform and development of higher education at home and abroad, and systematically studies and explores the reform and innovation of higher education in China.

1. Introduction

The reform of higher education system is the key to China's higher education reform. How to improve the quality of education has also become one of the hot issues of higher education theoretical researchers and social workers. As an important measure to ensure the quality of higher education, the construction of higher education evaluation system has become an important issue in the reform and development of higher education in China [1]. In the new century, the development of multi-polarization and economic globalization, China's accession to WTO and the improvement of market economic system have put forward new and higher requirements for the reform and development of higher education. Practice shows that cohesion and formation of a scientific thinking for the development of higher education, which conforms to the characteristics of China's national conditions and meets the needs of the times, is the source of power to promote and realize the leap-forward development of higher education in China at the turn of the century [2]. Artificial intelligence is a technology developed from computer applications. It gradually appears in people's lives. People begin to understand and use artificial intelligence, which makes artificial intelligence have great development and progress in the current society. At present, under the background of increasingly fierce international competition with technology as the core, social and economic development puts higher demands on higher education. Scientific and technological innovation calls for innovative talents and requires higher education to provide strong talent support.

As we all know, the quality of education is the eternal theme and lifeline of higher education. It is the common experience of higher education development and quality assurance in all countries in the world through evaluation to promote the improvement of higher education quality [3]. The goal of innovation in the education system in the new century is to build an education system that is compatible with the socialist market economic system and the inherent laws of education, and that different types of education communicate with each other and connect with each other. The combination of AI and teaching is a new trend. Applying AI to teaching, changing the traditional teaching mode and innovating teaching methods, is no longer just learning knowledge in the classroom [4]. Based on the study of the interaction between higher education and scientific and

technological innovation, this paper deeply analyses and understands the great impetus of scientific and technological innovation to economic and social development in the new century, deeply understands the strong call of scientific and technological innovation for higher education reform, and further clarifies the historical mission of higher education. It is of great theoretical significance to promote the healthy development of higher education in China, to improve the quality of undergraduate teaching, to broaden the horizon of theoretical research on higher education, and to innovate the evaluation system of higher education.

2. The Background and Significance of Artificial Intelligence Applied to Education

In this era of artificial intelligence, the combination of education and artificial intelligence is the trend of development in the future. The Ministry of Education has also noticed this in the past few years, so artificial intelligence is listed as an optional course in the information technology curriculum of high school. In terms of improving the higher education system, this paper proposes to build a smooth bridge between all levels of higher education and all kinds of higher education, so as to provide more opportunities for all kinds of learners to receive higher education [5]. By combining textbook learning with extracurricular reading, extracurricular activities, social practice and media network learning, we can develop students' innovative thinking and inquiry learning ability in an all-round and deep-seated way. This initiative has also promoted the development of artificial intelligence education. Applying artificial intelligence technology to education can change the traditional teaching methods and promote the development of students' innovative thinking [6]. From the relevant discussion, there are two basic consensuses on the evaluation of undergraduate teaching. One is that the undergraduate teaching evaluation is an important institutional innovation in the process of reform and development of higher education in China. It is a key measure to improve the quality of education and teaching, and needs to be improved. On the basis of persistence. With the rapid development of science and technology, the arrival of the era of knowledge economy and the increasingly fierce competition in national power, development education has been regarded as a strategic pillar of national development. Artificial intelligence can help realize one-on-one teaching mode, comprehensively analyze students' knowledge accumulation and intellectual development, develop personalized teaching plans, and adjust appropriate teaching progress.

3. The Role of Artificial Intelligence in Education

Artificial intelligence education is the product of the new era, which is produced in accordance with the changes of the times. It plays a great role in improving the quality of teaching process. Therefore, in the era of knowledge economy, scientific and technological innovation activities are no longer or can not be the individual activities of scientific and technological innovators. The status of scientific and technological innovation in the process of economic and social development and the nature of scientific and technological innovation activities in the new era require that it be an activity actively participated by all members of the society. With the reform of higher education management system and the downward shift of higher education management power, the role of local governments in higher education management is expanding. Local governments must not only manage higher education institutions that have been transferred to local administration, but also manage higher education institutions, including some higher education institutions directly under the Ministry of Education. In theory, the reform and innovation of higher education system based on artificial intelligence technology is not only a specific form of education quality evaluation, but also an important part of the quality assurance system of higher education. It is an important measure to promote the construction of higher education. It is the requirement for internal quality assurance in higher education. It can also improve students' ability to think about problems, communicate and other aspects, create a happy learning atmosphere, students actively participate in it, think about the problems raised by teachers, accelerate the absorption of knowledge, and thus improve the efficiency of teaching.

Artificial intelligence education is constantly updated with the change of information technology. It captures information very freshly. Students can acquire more information of the times through artificial intelligence technology, and expand and enrich the existing knowledge. The introduction of market mechanisms has provided the impetus for the reform of management, finance and curriculum design in higher education, enabling them to adapt to changing market needs more flexibly and easily. From the perspective of practice, the construction of higher education evaluation system is an effective measure for China to comprehensively promote the reform of higher education and guarantee the quality of higher education. Through the teaching evaluation, it is possible to strengthen and improve the macro management and guidance of the education authorities at all levels on the teaching work of higher education institutions. Higher education, as a means of disseminating and creating knowledge and information, will enter the center of social activities from the edge of social activities, shoulder more important responsibilities for social development and improving people's quality, and will become the primary driving force for social development and progress. Improve information literacy, through artificial intelligence education can also improve the ability of students to refine information, many information needs students to think deeply, summarize its backbone content, and finally come to the thinking results on this issue. Chemical relationship. Therefore, the reform and innovation system of higher education system is not only a system of innovation (knowledge), but also a system of transformation (knowledge).

The reform of China's higher education management system is the most important link in the reform and development of higher education, as well as the most complex and difficult one. The application of artificial intelligence technology can arouse students' curiosity for new things. In the process of application, students will be interested in its application mode and inspire it. With the development of society and the expansion of the function of higher education, colleges and universities have gradually stepped out of the ivory tower of the past, and have more and more close links with social economy, politics, science and technology, and culture. This kind of artificial intelligence teaching provides more demonstration platform for students, greatly cultivates the development of students' innovative thinking, makes students more dare to put forward their own new ideas for problem solving, and no longer restricts the germination of their innovative thinking. Science must become technology, technology must become an industry, and the transformation mechanism is crucial. The establishment and improvement of the system reform and innovation system of higher education is to establish the necessary links or links between the scientific innovation system and the technological innovation system and the product innovation system, so that between science and technology, between technology and industry can Smooth implementation of the conversion. The realization of the sustainable development of higher education under the guidance of the people-oriented scientific development concept is the future orientation of higher education development. Improving the quality of higher education is the core task of realizing the sustainable development of higher education, and it is also the inevitable choice for China's higher education in the new and new stage.

4. Reform and Innovation of Higher Education System

The development of higher education in China is closely related to the national economic and social development. On the one hand, higher education should serve economic and social development; on the other hand, the development of higher education should be restricted by economic and social development. Because the management system of higher education has a special structure, which embodies the special ideas deeply rooted in its era, society and place, no two countries have adopted the same form of higher education management system. In future higher education evaluation activities, the government and its educational administrative departments should make overall planning and macro-management of higher education evaluation, and further strengthen the government's social service functions in planning, consultation, funding and information services. Establish an education appropriation system and a cost-sharing mechanism that are compatible with the socialist market economic system and the national public finance system. Since higher education is a cause that promotes the development of all national

undertakings, it is not only related to the immediate interests of the country, but also involves the long-term interests of the country. At the same time, it must also consider that the education itself lays the foundation for the development of the next century, so speed, quality, efficiency and structural coordination must be Development is the path to healthy development. Of course, to achieve this goal requires a higher level of technology and input. At present, the problem of artificial intelligence in education is that it has no real feelings and can not meet the inner needs of students.

In the course of running the university leadership team, we must pay attention to strengthening our own construction, so that the team is full of vitality and vitality. The first is to strengthen learning. In order to unify thoughts and unify consciousness at a higher level. It is necessary to shift from direct management to indirect management, from micro-management to macro-management, from administrative examination and approval to planning, coordination, supervision and service. Reforming the management system of higher education and mobilizing the enthusiasm of all parties is an important way to develop higher education. The government should provide support and services for the evaluation of higher education, including providing certain funds and personnel training for the quality assessment of higher education, establishing an information base for evaluation, and regularly providing schools or other social assessment agencies with the information needed for evaluation. We should give more support and support to the difficulties encountered in running colleges and universities, especially in the aspect of funds investment, and give more services and coordination to the policies, legal guarantees urgently needed in their reform and development, as well as to the treatment of the relations between external parties. In order to cultivate a large number of scientists, professors, experts and entrepreneurs who are competitive on the international stage of science and technology education and who can work at the forefront of the development of science and technology education in the world, a number of disciplines must enter the ranks of the world's advanced level. To actively promote the development of people's democracy, we should mobilize the enthusiasm of all aspects through various channels, such as trade unions, teaching congresses, democratic parties, professors and so on, so that the majority of teachers and staff can actively participate in the reform, construction and development of schools.

The reform of the management system of higher education should change the government's management function, change from micro-management to macro-management, change from direct management to indirect management, and flexibly use various management modes of higher education. In addition, the relevant laws and regulations on Evaluation of institutions of higher learning and evaluation of social intermediary organizations should be promulgated as soon as possible, and the construction of laws and regulations on Evaluation System of higher education adapted to socialist market economy should be gradually improved, so as to achieve the goal of healthy and sustainable development of evaluation of higher education in China. This requires a breakthrough in legislation and a change in the old single emphasis on "not for profit" in the past. In the coming century, the quality of people plays an important role in the role of people and the competition of people in society. This must be highly valued by us. Doing a good job in the reform of the personnel distribution system in colleges and universities plays an important role in strengthening the discipline construction and team building of colleges and universities, and promoting the improvement of the quality of personnel, the level of scientific research, and the reform, development, and stability of colleges and universities. Fundamentally speaking, in the process of deepening the reform of China's higher education management system, the main body of institutional innovation is the masses of the people, especially at the level of higher education institutional arrangements. The potential of the masses for the innovation of higher education systems often exceeds that of people. Imagine. Only under the constraints of laws and regulations can the evaluation of higher education ensure that the assessment is based on the actual situation of the object being evaluated, and it is the reflection of its true school-running level and the objectivity and impartiality of the assessment.

5. Conclusion

The reform of higher education management system is a key link in the reform of higher education system. It is related to the success or failure of China's higher education reform, and it is also related to the rise and fall of China's higher education, and it is very theoretical and practical. Based on the theory, this paper deeply analyzes the important role played by higher education evaluation system in the process of China's higher education quality assurance system. By combing the development process of China's higher education evaluation system, this paper analyzes the internal logic and development law of its evolution and its existence. The real problem. The application of AI in teaching is not only the result of the changes of the times but also the performance of educational progress. AI can solve the problems that can not be solved by human intelligence in many aspects. Its many characteristics provide many convenient conditions for teaching. The government needs to speed up its own reform. Educational administrative departments should seize the opportunity to keep up with the pace of reform and establish a fully functional, rational structure, coordinated operation, flexible and efficient administrative system to meet the requirements of further reform and development of higher education.

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