

The Practice and Enlightenment of Online Teaching Mode in Higher Education

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Keywords: Higher education, Online teaching model, Practice, Inspiration

Abstract: In 2020, in order to deal with the impact of COVID-19 epidemic on university teaching, the Ministry of Education led and organized dozens of online course platforms to carry out the largest scale of higher education online teaching in the world. It indicates that online teaching has become an important teaching method in higher education in China. The thesis will discuss the online teaching practice of higher education in China in 2020 and analyze the enlightenment brought by online teaching.

1. Introduction

In December 2019, COVID-19 epidemic suddenly appeared in Wuhan and quickly spread all over the country in a very short time. In January 2020, provinces, autonomous regions and municipalities directly under the Central Government successively launched a first-level response to major public health emergencies, implementing strict traffic restrictions and forbidding personnel gathering, resulting in the inability of colleges and universities to carry out offline teaching. Faced with a severe and difficult situation, the Ministry of Education has taken the lead in organizing dozens of online course platforms to carry out the largest online teaching of higher education in history, which indicates that online teaching has become an important teaching method in higher education in China.

2. The Practice of Online Teaching Model of Higher Education in China in 2020

In recent years, domestic colleges and universities have been steadily promoting the online teaching of higher education. According to the statistics of the Ministry of Education, by December 2019, the MOOC mobile terminal of Chinese universities had downloaded and installed more than 35.03 million people, more than 150 public online platforms for educational resources had been built nationwide. In 2020, COVID-19 epidemic suddenly swept the country, colleges and universities around the country can not carry out normal offline teaching. Under such circumstances, the Ministry of Education has taken the lead in organizing 22 online course platforms, such as Love courses, online Schools, and Wisdom Tree Network, additionally, it has driven more than 100 online teaching platforms for higher education in China. More than 800,000 high-quality online course resources (covering almost all professional categories of undergraduate and junior college) have been opened free of charge, thus launching the largest-scale higher online teaching in the world.

According to incomplete statistics, online teaching has been realized in all colleges and universities throughout the country during the epidemic in 2020. 1.08 million teachers and professors in colleges and universities offer 1.1 million online courses, totaling more than 17.19 million. The total number of college students participating in online learning is more than 22.59 million, and the number of college students receiving online learning is more than 3.5 billion. According to statistics, in 2020, the number of students in ordinary colleges and universities in China was 28.3103 million, and there were 1.6728 million full-time teachers in ordinary colleges and universities across the country. This means that 64.56% of full-time teachers in colleges and universities across the country participate in online teaching, while the number of college students receiving online learning exceeds the total number of students in colleges and universities across the country. It is a miracle, a milestone, it is also a major leap in the history of the development of higher education in China, which indicates that online teaching has become an important teaching method in higher education in China.

3. Enlightenment of Higher Education Online Teaching in China in 2020

In 2020, ordinary colleges and universities in China have been able to achieve the teaching progress and teaching goals during the epidemic prevention and control period by carrying out online teaching. We believe that the enlightenment brought by online teaching of higher education in China in 2020 is mainly as follows:

3.1 The Teaching Methods of Higher Education in China Are about to Usher in a Major Change.

In 2020, the number of students receiving online teaching of higher education in China exceeded 3.5 billion, ranking first in the world. Every university in the country has carried out online teaching (which is unprecedented in the history of human education), and the students receiving online teaching of higher education are all over towns and villages all over the country. The opening rate of online courses in colleges and universities across the country is more than 91%. 80% of teachers approve online teaching and 85% of students are satisfied with online teaching, which means that online teaching in higher education in China not only covers all teachers and students in colleges and universities. and covers almost 9.6 million square kilometers of land.

More importantly: more than 80% of college teachers and students recognize, accept and participate in online teaching. Therefore, we have reason to believe that there will be major changes in the teaching methods of higher education in China in the next three to five years (or less). Online teaching will develop into an important teaching method that keeps pace with offline teaching. For a long time, domestic higher education has been limited by teaching hours, teaching facilities, teaching means, the number of teachers, the teaching ability of teachers, the number of students and so on, while online teaching will break through the limitations of teaching hours, teaching facilities, the number of teachers, the number of students and so on, so that any college student can accept the teaching of any (or more) special-level teachers in colleges and universities at any time and any place. We will usher in a great change in the form of higher education in China in the near future. The significance of this change will exceed China's "cashless revolution".

3.2 Online Teaching of Higher Education Will Be Deeply Integrated with 5g and Internet of Things' Technology.

At present, China is making great efforts to develop 5G and Internet of things' technology, so we have reason to believe that online teaching in higher education will be deeply integrated with 5G

and Internet of Things' technology, resulting in an interactive teaching model. College teachers and students across the country will make full use of the educational resources of colleges and universities across the country through 5G and Internet of things' platform to carry out real-time interactive online teaching and build a diversified and three-dimensional online teaching system.

This online teaching system will promote the further reform of higher education in China, and make personalized higher teaching, customized higher teaching and simulated higher teaching become a reality.

4. Conclusion

In 2020, China launched the largest online teaching practice of higher education in history, creating a miracle in the history of world education. The enlightenment it brings to us is that there will be a more significant change in Chinese higher education in the near future, additionally, three-dimensional, diversified and personalized higher education is coming to us at a rapid pace.

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