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Investigation and Research on International Online Chinese Teaching in the Post-Epidemic Era

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Abstract

Due to the global outbreak of COVID-19, teaching activities at all levels have been transformed from offline to online, and frontline teachers and students need to quickly adapt to the transition from offline classroom teaching to online teaching. This paper analyzes the challenges that teachers face when they use modern teaching techniques in the epidemic era by means of observation. The survey found that the application of modern technology in teaching has broken through the objective limitations of the previous offline teaching. But there is still room for improvement. By observing the online teaching process of overseas students in our university and the online teaching process of domestic universities and primary and middle schools, the author summarizes the advantages and disadvantages of Internet teaching, and puts forward some suggestions for thinking. In general, in the post epidemic era, online teaching has broken through the limitations of time and space, but compared with the traditional classroom teaching, there are many shortcomings. The classroom efficiency cannot achieve the expected effect. The only way is to analyze the problem from a deeper level, then analyze it, and finally get a solution. Improving the teaching quality is the ultimate goal of every educator.

Keywords

Post-epidemic era, modern online teaching, teaching technology

1. Introduction

1.1 Research background and significance

New crown outbreak since 2020, the big primary and secondary schools at home and abroad, adopt the method of Internet teaching, this way of teaching has become the mainstream of the education, the teacher used in a variety of distance learning platform for teaching, it is to some extent, requires teachers to be familiar with using modern teaching technology, at the same time also require the high quality of the new technology and new product development: Is there room to optimize the information transfer mode between teachers and students? How do foreign learners learn Chinese? How to achieve more effective teaching interaction on the Internet? How to use the connectivist learning theory to build an exclusive platform for Chinese teaching and realize the optimization of modern teaching needs more practical basis of teachers and students to build better teaching methods.

1.2 Research status at home and abroad

In "Chinese Teaching in the Context of Global Public Health Emergencies", Cui Xiliang pointed out that both learners and teachers need to adapt to the changes of distance teaching bit by bit, and explore the rules in practice. It should be said that the current research on these issues is not enough. In particular, we need teachers working in the front line

of teaching and research to do some experimental and comparative studies to discover the rules of online teaching, enrich the theories and methods of Chinese teaching in the network environment, and provide data support for us to better implement Chinese teaching in the network environment at present and in the future.

1.3 Hoghorn in Modern Educational Technology and the Quality Network

He Kekang said in Modern Educational Technology and the Design and Development of High quality Online Courses "Up to now, there has not been a practical intelligent tutoring and answering system that can truly understand Chinese paragraphs in online teaching in China. However, in the artificial intelligence laboratories or Chinese information processing laboratories of some universities in China, a few researchers are developing experimental prototypes of such systems. It is believed that in the near future, there will be such practical intelligent systems."

Tingting Sun (2020) believed that: situational teaching plays a great role in second language acquisition. Children should make more use of animated audio and video functions in Chinese, so that children can learn Chinese more quickly, so as to accelerate the speed of acquisition and improve the level of acquisition.

In 2020, Wang Yanfang (2020) analyzed and explored the teaching institutions of Chinese as a foreign language during the epidemic, and came up with some solutions and ideas on how to solve the problems such as the current curriculum, teaching materials, equipment and platform online.

2. The main technical means used in Internet teaching

The author observed from the teaching methods of various universities, middle schools and primary schools across the country that the most important teaching methods are video and live broadcast, both of which have advantages and disadvantages, and the latter is mainly used in the classroom teaching of Chinese as a foreign language. In the research of second language acquisition, there have been various teaching schools, while Internet teaching can integrate the strengths of each school and avoid the weaknesses of each school. At the same time, new problems have emerged: no matter what means are taken, Internet teaching is a virtual environment, which can not be compared with the traditional real classroom teaching. Compared with recorded lessons, the teaching effect of live classes is more significant. The teaching of Chinese as a second language needs to achieve the purpose of communication, which determines the "student-centered" teaching principle followed in the Chinese teaching process. Teachers and students should work together in the whole teaching process, and teachers should lead the classroom teaching as guides. Course recording is suitable for students' self-study. They can input knowledge anytime and anywhere. For students with poor self-control and self-study ability, the effect of course recording is not satisfactory.

3. Advantages and disadvantages of Internet teaching

3.1 Advantages of Internet teaching

Internet teaching has broken the limitations of traditional classroom in time and space. Due to the impact of COVID-19, international students are unable to go abroad and the courses cannot proceed smoothly. Online teaching just realizes transnational and cross-temporal education, which can combine video, text, audio, animation and pictures. Increased classroom teaching interesting, scientific, interactive, diverse, and intuitive, stimulate students' various senses, stimulate students' learning fun and imagination space. Traditional course teaching material compilation time-consuming, laborious materials out of date, because the textbook writing needs a lot of manpower, material production and layout need expensive, so not update content of teaching materials, teaching content, mechanical can select students interested in the Internet teaching content, flexible adjustment of teaching content, stimulate students' interest in learning. This achieves certain teaching effect in a certain level. Students can check the materials related to the course from various aspects through the Internet, and use the fragmented time to learn, increase their knowledge and achieve the effect of extracurricular supplement.

3.2 Disadvantages of Internet teaching

Internet teaching is the general trend of the whole process of education development in the future. However, as a new industry, there are a lot of shortcomings, which need technical innovation and joint efforts between teachers and students. First of all, the network education resources, all kinds of resources, to a certain extent, the purpose of commercial cover for the purpose of the education, secondly, the platform has resources to copy and paste from the Internet, to a certain extent, the lack of authenticity and reliability, which requires Chinese teachers in the process of selecting teaching materials carefully screened. Some teaching resources are not free, and finding quality learning materials can be an expense for both students and teachers. For the technical problems of software such as Tencent conference and Dingpin,

there is a small capacity support problem. To realize the expansion rate is to achieve technical maturity, in technical aspect, there are not clear, the network quality caton, dropped frequency is high, some developing countries the Internet did not reach the advanced level of science and technology, the network speed is slow, the network cost higher problem didn't get better, more multinational teaching is not easy, affect the course schedule. If the teacher is not well prepared, may cause the students emotional recession, enthusiasm to reduce, because during the period of the outbreak, some students can't back to school, the native countries to participate in online teaching, although the Internet has broken the traditional classroom teaching in time and space constraints, however, some students there is no attendance in class, the teacher can't meet with students. The lack of feedback from students will affect the learning effect of the course for students who often do not attend. The hardware required for Internet teaching is mobile phones, computers, tablets and other electronic products. For teenagers, too long learning time means that their eyes stare at the screen for too long, which affects their eyesight and causes visual nerve fatigue.

After the classroom teaching reaches a certain stage, the teacher will test the effect of students' learning in the way of examination. During the outbreak, most of the schools and the state education authorities in the form of online examination, teaching Chinese as a foreign language is mainly focus on the course and level of testing, for the test, the most important thing is fair, online test requires not only the students answer the media, also need to monitor media products, and the fluency of the network and the definition of cameras has certain requirements. Before taking the exam, students and invigilators have to prepare for the test, which is time-consuming and laborious to a certain extent. Teaching Chinese as a foreign language, the teacher mainly in attendance, the assessment of students' performance at ordinary times, homework completion, test scores, the examination process, will appear all sorts of conditions, if the people take the tests online simultaneously, for students with limited network environment, will affect examinee examination mood, for example, some students in the process of examination of dropped calls. Whether it is monitoring equipment or testing equipment, dropped calls will affect the fairness of the test. If students do not have a good examination environment, dark light or loud noise in the examination process, it will affect the results of the examination.

4. Countermeasure analysis of related problems

4.1 Optimization of network teaching platform

With the development of science and technology, network teaching will become more and more perfect. In addition to asking for help from the technical department, we can also take the following measures: upload files in the form of compression to reduce time and save capacity. Teachers set suspense on the PPT used in class to enhance students' imagination space and increase students' attention. To carry out training for teachers and students on network teaching media, so that teachers and students are familiar with the function of teaching media, in order to maximize the use of network teaching media. In addition, the most common method is to establish a community of online teaching and training to realize the exchange of teaching technology and information sharing.

4.2 Reflections on classroom teaching model

Teachers with students as the center, to become participants in the process of teaching, stimulate students' interest in learning, creating, as far as possible to reinforce each student's participation, classroom communication between teachers and students, the classroom communication between students and students, undertake to the student group assignments, increase students' collaboration, and realize the interactive.

4.3 Optimization of teaching resources

The network is rich in information, and students try their best to select free materials for extra-curricular learning. As for paid high-quality resources, everyone can be encouraged to share them. Teachers should increase the recommendation of high-quality supplementary learning materials, and use professional teacher teams to develop teaching resources.

5. Conclusion

New crown pneumonia spreading globally, to education brings huge impact, under the background in the era of big data, the Internet teaching breaks through the limit of time and space in the traditional classroom, network technology and Chinese teaching depth, adopt high quality teaching resources, choose a good teaching platform, the challenges into opportunities, update teaching ideas, transform "to teaching as the center" to "to learn as the center". Let teachers become the guide, supporter and facilitator of students' learning.

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