

Analysis of Online Education Model in China Based on the Impact of COVID-19 Epidemic

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Keywords: COVID-19; Online education; Teaching effectiveness

Abstract: Affected by COVID-19 epidemic, online teaching has become an indispensable teaching method. Online network teaching takes the Internet as the medium, and at present, the main teaching modes are live broadcast, recorded broadcast and online self-study. These methods break the limitation of traditional classroom teaching time and space, and reflect the advantages of diverse teaching forms, rich information and strong flexibility. Teachers and students are in the "cloud". How to ensure that online learning is essentially equivalent to traditional classroom teaching quality is a problem that every teacher faces. In fact, in online teaching, only a small number of students can achieve the expected learning goals in autonomous learning, and it is difficult to effectively present high-quality teaching results. Based on the post-epidemic background, this paper makes an in-depth analysis of the effective connection between online teaching and offline teaching, and puts forward some effective connection strategies according to the actual situation, hoping to provide a reasonable reference for the development of online education mode in China in the future.

1. Introduction

After the outbreak of "covid-19", the teaching work of colleges and universities across the country has shifted from offline to online, and online teaching with the help of network information technology has become an important measure to make up for the lack of centralized face-to-face teaching [1]. Due to the impact of the outbreak, colleges and universities across the country delayed the opening time of students, and online teaching mode has been well promoted and applied in this context [2]. The public health emergencies caused by the covid-19 epidemic have changed the national teaching mode in a certain period of time. Under the epidemic situation, the research of "suspending classes but not stopping learning" has become the current hot spot and focus, and colleges and universities all over the country take various measures to actively create online teaching conditions [3]. Comprehensive online education and teaching is an unprecedented new phenomenon and new problem, and it is also a new challenge and exercise for all schools and all teachers. The comprehensive development of online teaching also exposes some deficiencies in online teaching of schools and teachers [4]. At the beginning, it was difficult for teachers to adopt this kind of teaching mode, especially for teachers who had not contacted before, they encountered many problems in the application process [5]. However, the first mock exam is to enhance the online learning model, which has stimulated the teaching staff to explore the connection between online education and offline teaching.

Online online teaching takes the Internet as the medium, and at present, live broadcast, video broadcast and online autonomous learning are the main teaching modes. These methods break the time and space limitations of traditional classroom teaching, and reflect the advantages of diverse teaching forms, rich information and strong flexibility [6]. Although the majority of college teachers are not unfamiliar with online teaching, in the past, online teaching is only a part of online and offline hybrid teaching mode. In the past teaching activities, online classroom is usually used as part of extracurricular extension and knowledge expansion in teaching content. This epidemic has promoted the nationwide practice of online teaching replacing offline Teaching [7]. The change of this mode is an emergency strategy forced by the situation, and there must be many shortcomings. Teachers and students are all in the "cloud". How to ensure that the quality of online learning and traditional classroom teaching is essentially equivalent is a problem faced by every teacher [8].

Based on the background of the post epidemic era, this paper makes an in-depth analysis of the effective convergence between online teaching and offline teaching, and puts forward some effective convergence strategies combined with the actual situation, hoping to provide reasonable reference for relevant personnel.

2. Analysis of the advantages of online teaching

Online teaching, as a new teaching mode, has been paid attention to in the field of education in a short time. It can be seen that online teaching mode can play a very obvious advantage in the application process. Under the situation of epidemic prevention and control, online education has become an indispensable teaching form. In the preparatory stage of online teaching, the school should make a plan in advance, and suspend practical courses that require site teaching, such as practice, experiment and training. Generally speaking, some students may not be able to concentrate effectively in classroom teaching, but adopting online teaching mode may stimulate students' interest in learning, thus better improving the teaching quality and ensuring the interest of the whole classroom. In addition, by adopting methods such as network on demand and resource development, the time investment of teaching staff is reduced, and then the in-depth research of teaching methods by teaching staff is increased [9]. With the maturity of live broadcast technology and the prevalence of live broadcast culture, live broadcast teaching is more acceptable to young students. Live teaching is the closest online teaching method to face-to-face teaching, which is synchronous and interactive between teachers and students. However, live teaching also puts forward higher requirements for teachers' on-site organization ability and control ability of online classroom. Compared with the previous classroom teaching mode, the online teaching mode has added a certain vitality, which can ensure that the teaching work is more convenient and effective, and can meet the development requirements of modern education work to a greater extent.

3. Problems in online teaching

How to carry out online courses, whether to learn new knowledge or review old knowledge, is a big problem. When learning new knowledge, students are faced with the situation that they can only watch videos without textbooks, so it is difficult to guarantee the quality of such learning. Learning old knowledge and repeating teaching are of little significance. Although the online teaching mode can play a very obvious advantage in the application process, there are some defects inevitably due to the influence of some factors. In the absence of teaching materials and resources, how to choose teaching content will be a big problem for teachers. Now some schools directly use the platform resources to download the teaching achievements of other school teachers for teaching, so the connection of teaching work after the start of school is a big problem. For some non-live teaching modes, because there are many teaching resources involved, it is difficult for teachers to choose effective resources, which leads to the increasing of high-quality resources. If we can't take effective operation measures, it will increase students' learning pressure to a certain extent, and may lead to fragmentation of learning in severe cases. Online teaching is a teaching method that must be faced directly during the epidemic, and schools and families should take it seriously. Teachers should strictly follow the spirit of the relevant documents of the competent education department, and carry out effective online teaching according to the requirements and the actual situation of the class. For parents, they should actively cooperate, urge their children to listen to lectures and homework carefully at home, and communicate with teachers and give feedback in time.

4. The linking strategy of online teaching and offline teaching in the post epidemic Era

4.1. Personalized learning mode

From the past teaching, offline teaching is the main teaching method. There are not many opportunities to use information technology in class, and only a few cases will use some functions of Superstar Learning Platform. When adopting personalized learning mode, offline teaching

method is the core, while online teaching plays a complementary role. In the traditional teaching process, when teachers assign homework to students or organize students to participate in extended study, the methods they often adopt are relatively simple, and it is difficult for students to make their own choices according to their own situation. Schools should fully mobilize teachers' enthusiasm and initiative, and teach according to the needs of professional development and the latest trends, without sticking to textbooks or relying on online resources. Teachers can make full use of cloud computing technology, combine students' interests and learning level, comprehensively collect learning materials, and then carry out personalized and extended learning through big data, and recommend the materials they need for students [10]. As a teacher, we must be able to learn online teaching platform actively, and constantly achieve the goal of improving the ability of using information technology and skillfully using online teaching platform. Only the effective progress of teachers' online teaching level can promote the significant improvement of online teaching quality. In order to promote a better connection between online teaching and offline teaching, first of all, sufficient online teaching resources should be ensured; secondly, teachers should let students choose resources according to their personal hobbies and learning needs, so as to better carry out learning and development activities.

4.2. Blended learning model

For the mixed teaching mode, it is not simply to combine video with classroom, but to systematically complete the corresponding design work according to the actual teaching objectives. The comprehensive application of the network teaching platform model not only puts forward certain requirements for the actual teaching equipment conditions, but also has higher requirements for the teaching concept. In fact, the teaching philosophy embodied in the teaching process of many colleges and universities has long been difficult to adapt to the comprehensive popularization and application of the network teaching platform model. Therefore, under this trend, it is particularly important to actively change teaching concepts. Compared with the traditional offline classroom teaching, the emphasis of online online teaching is to encourage students to learn independently and cultivate students' self-discipline habits. Teachers should establish a student-centered teaching philosophy, give full play to the advantages of online learning, and avoid the disadvantages of online learning. In the past teaching activities, it can be clearly seen that teaching embodies the concept of teacher-based teaching, and teachers are the leaders of teaching activities. However, under the trend of postponing school start, the space separation between students and teachers leads to unprecedented challenges to the traditional teaching mode, so it is very important to change the teaching concept. In the practical application process, the main advantage of the blended teaching mode is its flexibility, which can supplement and adjust the offline teaching content according to the online feedback. By making full use of the online teaching platform, teachers analyze the students' learning situation on this basis, so as to optimize and supplement the offline classroom teaching content.

5. Conclusions

Under the background of epidemic situation, it is obvious that students may not be able to fully absorb and utilize these resources in the limited teaching time and abundant online teaching resources. Especially for college students, the demand for knowledge fragmentation learning is becoming larger and larger, and the emergence and application of the network teaching platform model provides a very reasonable opportunity for it. Although the effect of online teaching can't achieve the effect of on-site teaching in a short time, it has certain benefits in cultivating students' subjective initiative and self-management ability, and it is also helpful for teachers to update their teaching ideas and improve their online teaching technology. Teachers should make full use of the online teaching platform and analyze the students' learning situation on this basis, so as to optimize and supplement the offline classroom teaching content. Teachers must not think that this online teaching is only an expedient measure and short-term behavior to deal with the epidemic situation, and when everything returns to normal, they are eager to return to the traditional classroom teaching.

With the gradual control of the epidemic situation, the daily teaching life has gradually returned to the right track. I believe that through the exploration of teaching reform of epidemic situation, we can provide new methods and ideas for later teaching and personnel training.

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