# On the new teaching model in the post epidemic era-Taking Chinese online education as an example

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*Abstract: Nowadays, China's position in the world is constantly improving, and the overseas Chinese fever has spread to the Chinese learning market; In addition, due to the impact of the epidemic, foreign Chinese education has encountered the difficulties of regional and time constraints. To solve this problem, the help of computer software technology, such as online interactive teaching software, has brought great convenience to overseas learners to a certain extent and can break through the space-time obstacles encountered by overseas learners in learning Chinese. This paper discusses Chinese online education's development status, advantages, difficulties, and development prospects. In short, in the post epidemic era, the new education model based on computer software technology has great auxiliary teaching value and significance in Chinese online education.*

*Keywords: Chinese online education; Computer software; Teaching Chinese as a foreign language; Teaching model; Post epidemic Era*

## 1. Introduction

With the rapid development of China's computer software technology, foreign Chinese education has stepped onto the world stage, and its international influence is sharply increasing. In June 2021, China's Ministry of Education's press conference reported that more than 20 million foreign people are learning Chinese [1]. International friends have gradually learned Chinese communication, understood Chinese culture, and intensely studied and studied Chinese language and culture through the "Chinese Bridge" World College Students Chinese competition held by the Chinese office [2]. Due to the influence of the COVID-19 epidemic, traditional offline teaching has been impacted [3]. The main problems in Chinese education include obstacles in space and time, such as the difficulty of realizing conventional face-to-face teaching methods and the lack of guarantee for class time. Chinese online education, a new teaching model produced under modern educational technology [4], with the help of computer software technology, not only expands the opportunities for international Chinese learning and exchange but also promotes the diversification of teaching modes of Chinese as a foreign language and improves the teaching effect of teaching Chinese as a foreign language to a certain extent.

## 2. Development of Chinese online education

With the continuous progress and development of science and technology, international Chinese education no longer only depends on books and traditional teaching models but also should use Internet technology to implement network multimedia distance teaching. At present, taking computer software technology as the platform and using online education mode for teaching in China, the teaching effect is remarkable. There are excellent learning platforms for Chinese Learners, such as the national Chinese language promotion office and the exclusive website of online Confucius Classroom [5]. Many online teaching software platforms with high popularity have emerged in recent years, such as translation learning Chinese, Rain Classroom, CCtalk, Tencent Classroom, CMOOC, ICourse, etc. In addition, the global Chinese learning platform based on artificial intelligence technology has covered more than 180 countries. And the "one belt, one road" policy has pushed the teaching of Chinese as a foreign language to a new climax.

## 3. Application advantages of Chinese online education

### 3.1. Advantages of mobile devices

Students accept new things quickly, especially the mobile learning software is used more frequently than other teaching tools. Therefore, mobile software in the classroom increases students' interest in learning, enriches the classroom teaching model, and increases the opportunities for student interaction and teacher-to-student interaction, which is undoubtedly a baptism and update of the traditional classroom. With new things as the focus, students can join the online classroom more actively simultaneously. The use of fragmented time for learning is conducive to students formulate learning planning and management better than last.

### 3.2. Higher quality and lower cost

Compared with traditional education and training, online education has the advantages of lower cost, higher quality, and easier acceptance. People with lower middle income can also obtain high-quality learning opportunities. There are even many free public courses, which can be said to be very civilian. At the same time, it has various advanced online interactive teaching functions, such as online attendance, online homework, online test, live video teaching, online PPT sharing, online whiteboard, group discussion, random roll call, etc., throughout the whole teaching process. In addition, the online teaching function is easy to use and has a low cost of teacher training. Novice teachers can quickly learn to use these online teaching functions.

### 3.3. High levels of teacher

Teachers in Chinese education have a baccalaureate or above, standard pronunciation, and specific domestic Chinese teaching experience. At the same time, most online Chinese teachers are full-time teachers recruited by enterprises and institutions and generally have a high level of education. The public recruitment of these units includes preliminary examination, written examination, interview, political examination, comprehensive evaluation, and other links. A round of pre-job training should carry out for newly recruited teachers. Only after passing the training can they be employed as full-time teachers.

### 3.4. Not limited by space-time

Chinese online education and learning can allocate the learning time at will and make the learning place more flexible. For example, if students fail to attend classes in time due to their reasons, the day's courses can be played back after class because these are recorded and saved online. Students' attendance, homework, testing, classroom learning, and discussion are not constrained by time and space. All teaching activities and materials between teachers and students are saved in the cloud database for easy backtracking.

### 3.5. Strong real-time interaction

Online teaching tools such as "rain classroom," "classroom school," and "Tencent classroom" have various advanced interactive teaching functions. You can push multiple learning tasks and messages to students' WeChat through the WeChat applet, which can remind students to attend classes and complete their homework on time. This kind of message push function is very conducive to teaching interaction between teachers and students anytime and anywhere. The interaction between teachers and students can also be increased through online thematic discussions, announcements, messages, and other forms.

## 4. Analysis of difficulties in Chinese online education

Chinese online teaching brings teachers and students the advantages of mobile devices, the high-cost performance of education, high quality of teachers, guaranteed educational quality, free from time and space constraints, real-time solid interaction, and other conveniences. However, there are still some problems worthies of attention and consideration.

### 4.1. Influence of teaching equipment

To ensure the quality of online classroom teaching, teachers must master the operation and debugging of teaching equipment. Online teaching has higher requirements for the quality of software and hardware teaching. First, we should guarantee the quality of hardware facilities. For example, we debugged the network before live broadcasting to ensure that the network was unblocked without delay. Before live broadcasting, the camera, microphone, and other equipment shall be debugged to ensure regular operation. Secondly, we should ensure the quality of software facilities, such as whether courseware ppt, video, animation, and other teaching resources can be opened and used normally. In addition, we should also ensure a quiet life teaching environment, such as no noise, noise, and other noise interference. For the new online teaching platform, it is more necessary to operate the relevant teaching tools of the application platform correctly and skillfully to show the appropriate teaching effect.

### 4.2. High requirements for teacher

Unlike the traditional offline classroom, the online teaching classroom is not so intuitive, communicates across the screen, and the mobility of students is relatively large. Therefore, teachers' teaching posture should be natural, mainly reflected in pronunciation and intonation, eyes, gestures, and actions. Adopt various new and exciting teaching media, such as integrating pictures, animation, trim videos, and other materials to enrich the teaching content and activate the classroom atmosphere to stimulate students' learning enthusiasm. Teachers should have good communication skills, maintain a fair relationship between teachers and students, create a good interactive environment for students, and create a good learning environment. Teachers should also give timely feedback on personal learning to students and carefully answer students' learning questions.

### 4.3. Lack of online teaching experience

In the current era of globalization and informatization, international Chinese teachers must constantly improve their information technology literacy and be proficient in various functions and operations of online teaching software. And they should timely learn the latest didactics and teaching methods in their exclusive purview, supplement professional knowledge such as cross-cultural communication and teaching Chinese as a foreign language, observe the classroom of excellent teachers and learn experience.

### 4.4. Multiple online teaching methods

For example, if the live broadcast and video playback are combined for teaching, once the teacher is sick, such as coughing or other reasons, the current course cannot be completed on time and quantity. It should be time to open the online teaching functions such as student video playback, online homework, online practice, topic discussion, etc.

### 4.5. A challenge of new teaching materials

Traditional offline teaching is mainly based on paper textbooks; Since the outbreak of COVID-19 in January 2020, teachers have been starting from the "beginning of their own work" to the practice of "practice makes perfect." In the past, the content of paper textbooks was too single, so the teaching content of online teaching materials should be increased to make the content of paper textbooks consistent with that of online teaching materials.

## 5. Prospects of Chinese online education

With the development of the Internet and the continuous improvement of economic globalization, Chinese online education has become a new trend and trend in the post epidemic era. The new direction should include:

• The renewal of technical means.

• Improving teachers' skills.

• The latest development in teaching ideas and teaching content.

The new trend is that computer software technology represents the future of the Internet and is the

new foundation of education and teaching. The new model of Internet plus education represented by computer software technology has provided better opportunities for learning Chinese for international students and has also provided more employment opportunities for Chinese teachers in China. Therefore, the current market demand for online Chinese teachers is also increasing, and more and more people are beginning to engage in online Chinese teaching. With the improvement of teachers' professional skills, the teaching quality and teaching concept are also enhanced, and the unity of online and offline teaching is achieved.

## 6. Conclusions

In short, Chinese online education can make our Chinese more and more popular. At the same time, the development of computer software technology has brought dawn to Chinese online education. Chinese online education is convenient and fast on the Internet plus era. Meanwhile, teachers' preparation time costs are higher than those under traditional offline teaching. A high-quality online classroom must benefit students, especially in the post epidemic era.

There are still some challenges and opportunities in Chinese online education. Chinese online education plays an active role in teaching Chinese as a foreign language. Only by combining online education and teaching technology with the laws and characteristics of teaching Chinese as a foreign language and finding new ways of technology application in line with the current international Chinese education. It can improve the classroom teaching quality of Chinese online education and promote the development of teaching Chinese as a foreign language and promote Chinese as a foreign language education.

## Acknowledgements

## References

*[1] Anonymity. China news network More than 20 million foreigners are learning Chinese, and online Chinese education is booming [EB/OL] (2021-06-02) [2022-03-01]. http://www.moe.gov.cn/fbh/live/ 2021/53486/mtbd/202106/t20210602_535133.html.*
*[2] Meiyu Wang. Research on Chinese ontology teaching in Confucius Institute for "Chinese Bridge" World College Students Chinese competition [J] Modern Chinese, 2021 (02), 93-98.*
*[3] Quan Li. 2020: the first year of the transformation of international Chinese Education [J] Overseas Chinese education, 2020 (03), 5-12.*
*[4] Rui Chen. A new model of international Chinese Education -- Online Chinese Teaching [J] Popular literature and art, 2020 (07), 245-246.*
*[5] Yinxi Wang. Application of modern educational technology in teaching Chinese as a foreign language [J] Literature Education (I), 2019 (001), 166-167.*