

Analysis on the Innovation of Higher Education Network Teaching Management from the Perspective of Internet

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ABSTRACT

Due to the spread of the novel coronavirus, higher education has changed from the original traditional teaching to network teaching. This change will undoubtedly promote the development of higher education teaching in the new era. From the perspective of the long-term development of higher education, the most important thing is how to prevent the inadequacy of online teaching, and to study the methods of online teaching governance. The author continues to implement the three reform goals of governance system, governance concept, and governance direction to discuss the key points of the new era of higher education network teaching governance.

Keywords: online teaching, higher education, educational equity, people-oriented principle

I. INTRODUCTION

In early 2020, a major epidemic caused by a new coronavirus swept through China, and the whole country worked hard to fight the epidemic together. Under the strong leadership of the Party Central Committee with Comrade Xi Jinping at the core, the people of the whole country are united and will be able to win this tough battle. Nowadays, with the continuous improvement of the online teaching level of higher education, how to conduct online teaching management and how to move from a simple "management" to a complete "governance" has become the core issue of China's higher education governance modernization and it must pay attention to innovation governance. Guiguzi said: Those who change without being anxious will know the key point of the things. Faced with the great changes in the governance of online teaching, administrators should grasp the biggest variables, solve the most difficult problems, and provide the most practical and effective solutions. The author continues to implement the three reform goals of governance system, governance concept, and governance direction to discuss the key points of the new era of higher education network teaching governance.

II. EFFORTS TO ACHIEVE EQUITY IN HIGHER EDUCATION, INNOVATION AND IMPROVEMENT OF TRADITIONAL EDUCATION SYSTEM

It is known to all that higher education is an education system that involves the entire society and China as a whole in political, economic, and cultural

fields. Therefore, the author thinks the issue of equity in higher education has always been an important issue of concern to the education community and the whole society, and it is also a difficult point of education governance. Equity in higher education includes fair entrance opportunities, fair process opportunities and fair results opportunities. However, the most important part of higher education equity is the fairness of higher education results. The so-called fair result of higher education is that after the educators are taught according to their aptitudes and carefully cultivated, after the educators have completed their studies, everyone has a common professional ability and good practice. This requirement, due to the fact that each educatee's family background is different, geographical characteristics are different, and the previous knowledge structure is different, has not been fully realized under the governance of contemporary higher education. In today's well-known online teaching process, there is a tendency to increase the unfairness of higher education results. If people want fair results in higher education, they must have a good communication environment between educators and educatees. However, the traditional education governance ability, coupled with the open network environment, makes the originally restrictive immersive communication and teaching have no place. At present, with regard to educational equity, online teaching has the following problems:

A. There is no lower limit for the time and space of online teaching

Today, major universities in China are implementing network teaching, and for the first time, network teaching has achieved the freedom of learning within the range of network signals. It breaks the original fixed location and fixed time to complete the learning task, and makes students can learn conveniently and quickly anytime, anywhere. This has always been regarded by the public as the advantage of online teaching. However, the author believes that it is a black hole for the learning life of college students and an obstacle to the fair development of higher education. Traditional teaching concentrates the teaching resources in the society within the scope of the school, treats the university students equally without difference, and has a strong learning atmosphere and equal competition. In the network teaching mode, the main place for college students to learn is in their own homes. For a normal college student, he has his own physical and mental health problems, has his own family's academic restrictions. Leaving the traditionally closed school and its learning care, he will be affected to varying degrees by the outside world, and obstacles from his family and society that will affect his academic progress will come one after another. It is precisely because there is no such situation in the school, that is, studying at home will be interfered by the outside world. This interference will definitely affect his learning situation, which is not conducive to the fairness of the results of higher education. The so-called "infinite" of teaching time and space can easily evolve into the "no lower limit" of network teaching time and space under realistic and unpredictable circumstances in the future. This is harmful to the fairness of higher education results.

B. College students' previous confusion and lack of stamina

Online teaching is based on the increase of the amount of information and the integration of modern scientific and technological factors. It mainly includes the rapid flow and rapid growth of information. In traditional teaching, the main learning materials and information for students are from teachers in the classroom, and the information is relatively simple. In online teaching, the content of online teaching is updated quickly, massive data expands horizons, and information sources are wide. In the context of the Internet age, educators changed from traditional teaching to network teaching, which caused confusion and discomfort in the initial learning stage of college students. Thousands of miles of dike was destroyed by the ant dens. It is very likely that the initial panic caused the academic inaction in the middle and later stages. In addition, while college students enjoy the school's online teaching resources, their adaptability to

online learning is also very different due to their different family backgrounds. Due to their own network quality awareness and better home network facilities, students with good family backgrounds can also choose high-quality paid courses on the online education platform after studying the school online courses. But students with poor family backgrounds have weak attitudes to the school's online courses and exams due to weak network awareness and poor home network equipment, and they do not expect other high-quality courses and resources on the Internet. This is also harmful to the fairness of higher education results.

The above problems can be seen as the advantages of online teaching over traditional teaching. Under the weak governance of higher education, it is likely to become a source of error in education. In view of the traditional teaching experience: in a more closed school environment, it needs to implement more open academic requirements. The author believes that in an extremely open network teaching environment, strict academic requirements must be implemented, and the traditional education governance system must be transformed to achieve fair results in higher education.

C. Strengthening network supervision

Helping college students with learning difficulties is what education equity wants. In terms of self-construction of college students, some college students lack the time and space to study and cannot study at the right time and in the right place, such as staying up late to do homework, playing learning videos in a noisy environment, or even giving up homework, works or giving up registering or conducting exams, etc. However, if this situation occurs, prohibiting college students from learning at any time and place will limit the advantages of online teaching, which is undoubtedly a torment for most college students. Therefore, only by strengthening the supervision of online teaching and opening up the appropriate time and space of online teaching for different students is the best way to solve the dilemma. Ren Chunyu pointed out that taking socialist core values as a guide is a necessary condition for creating a clean and upright cyberspace.¹ In terms of the family limitations of college students, certain subsidies and training should be provided to students who have difficulty learning online.

D. Strengthening the student-centered relationship between schools and families

It is known to all that in all learning, it is a must to take students as the subject, and giving full play to the subjective initiative of students' learning is what education equity hopes for. Education equity gives

¹ Ren Chunyu, The Core Way of Socialist Core Values in Cyberspace Governance [J]. Ideological and Political Education Research, 2018(2): 17-21.

students high hopes and expectations, and online teaching is tantamount to increasing students' learning autonomy. In traditional teaching management, with the school as the main teaching venue, parents receive information about the learning and growth of students from the school. In the network teaching management, the home network is the main teaching venue. This requires strengthening the connection between the school and the family, communicating with each other, and forming an invisible barrier to protect the barriers to normal learning and healthy growth of college students.

E. Giving full play to individualized teaching ability

When people take the education model seriously, it is a necessity to pay attention to an issue, that is, individualized teaching is a necessary measure for the fairness of education results. It must treat different students equally, recognize the premise of individual differences and development imbalance, provide different education for each college student, and develop their talents and personality, that is, cultivate the ability of college students to master, learn independently and self-construct in order to achieve fair results in education. The previous teaching model is what people call the traditional teaching model. The individual teaching in the context of the traditional teaching model undoubtedly increases the investment of teaching resources, and the predicted returns are not optimistic. In the online teaching mode, college students, who can easily cross the time and space restrictions according to their professional needs, can go to the relevant course learning website through the Internet to check materials, learn knowledge, listen to the lecture, complete homework exercises, register and conduct exams, and after learning and exams, check and fill vacancies based on the deficiencies shown in their learning data, and conduct a new round of autonomous learning. This is also unique to online teaching. It is necessary to apply this unique online teaching feature to the teaching process, and it is also necessary to grasp it well.

III. IMPLEMENTING THE CONTEMPORARY EDUCATION CONCEPT WITH COEXISTENCE OF PEOPLE-ORIENTED PRINCIPLE AND INNOVATION IN HIGHER EDUCATION

The concept of contemporary education governance is a comprehensive reflection of many ideological elements such as democracy, participation, sharing, responsibility, and the rule of law. Therefore, it is necessary to grasp that advanced education must be guided by advanced concepts. From a political perspective, China's higher education governance adheres to independence and party leadership, and prohibits all religious, feudal, and semi-colonial

external interference. From the perspective of historical evolution, since the reform and opening up, as China has unswervingly implemented reform and opening up, the concept of education governance has continuously adhered to the "three orientations". In higher education, it must adhere to the principle of "people-oriented", maintain harmony in diversity, and adhere to scientific development. Adhering to the people-oriented thinking of higher education is one of the important measures to deepen the concept of contemporary education governance. At present, on the basis of continuing to carry forward all the advanced concepts that are conducive to the healthy development of education, it is also necessary to work hard to implement the modern people-oriented education governance concept in the era of online teaching, and firmly establish the concept of talent training as the center. Negropte believes, "My optimism mainly comes from the 'empowering' nature of digital survival."² In the context of the age of online teaching, there are some unsatisfactory problems as a stumbling block to the people-oriented thinking of higher education.

A. Defects in the talents training of online teaching

In the public places of the society and online social platforms, the argument that online teaching is not as good as traditional teaching is circulating. Among them, some college students put forward the following views:

- Watching the screen for too long is too hard.
- Electronic products are very entertaining, and learning is too dependent on electronic products to concentrate on learning.
- E-learning lacks immersive interaction.
- The individual's own learning deficiencies, coupled with the strong autonomy required for online teaching, make students cannot complete the course.
- There are so many homework submissions, and the school's professional equipment cannot be used.
- The quality of online courses is uneven, and some of the knowledge of online courses has expired.
- Online teaching attaches importance to receiving information and despise practical activities.

Some parents also made the following points:

- The child sits at home for too long and lacks outdoor sports.

² Nicholas, Negropte, Beijing Digital [M]. Haikou, Haikou Publishing House, 1997: 271.

- The child does not work at home, as the name suggests: studying.
- The child lacks communication with schools and teachers.
- Parents can't tutor children to learn.
- It is not conducive to the development of children's interpersonal communication.
- The family's work and rest are irregular, and the child's concentration is not concentrated during class.

B. Increasing the family burden of poor college students

The impoverished people have always been the bottom of society. "Suspending classes but not stopping learning" is being promoted in an all-round way. "Students attending online classes" is already a system arrangement all over the country, but increasing the family burden of poor college students by online classes is a mandatory question. In some relatively poor and backward areas, children lack neither parental supervision nor basic conditions for online classes. Some families do not have high-tech electronic products and can only borrow them. They may not even have the signal. They have to climb the roof, climb the cliff, or climb the snow mountain to seek for the signal. A college student in Wuhan had an online class at home, and the wireless network signal at home was not good. In order not to fall behind, he could only use mobile phone traffic to watch online class videos, but unconsciously spent nearly 700 yuan. The knowledge level of parents of poor families is not high, it is easy for them to confuse these concepts such as "Internet, online games, Internet cafes" and do not support students' online learning. In the online teaching, when the course requires live broadcast to turn on the camera, college students with poor family conditions will have an inferiority complex because of the family's living conditions and decoration conditions.

From the above, it can be seen that online teaching has brought a lot of burden to students and families. The specific reasons are diverse, which can be mainly divided into the construction of network infrastructure in the home environment and the quality of family life. This is undoubtedly not conducive to the growth of college students. The education of college students will be more or less beneficial to themselves, to their families, and to the country and society. Nowadays, the educational methods they receive suppress their enthusiasm for learning and their motivation for the future. In the past, people have always emphasized the quality of teaching services in schools, and nowadays online teaching emphasizes the quality of college students' learning on the network platform and family.

The biggest problem people are facing now is how to solve the adverse impact of online teaching on people-oriented education governance in higher education. The following points are discussed:

C. Implementing online and offline mixed teaching

Traditional teaching emphasizes classroom teaching as the center and has higher teaching efficiency. In terms of taking teachers as the backbone for imparting knowledge to implement students' basic knowledge, the traditional teaching model is a primary choice. Online teaching emphasizes the use of sound, text, graphics, and images to represent information in a three-dimensional manner, that is, the four-in-one model that people emphasized is used for teaching. Under the teaching mode of both graphics and text, and audio-visual integration, the dull classroom learning atmosphere is broken, and the learning method is no longer boring and simple. It is necessary to build a media fusion management laboratory, carry out the application and management of virtual reality, wearable devices and drones and other intelligent hardware through the "new terminal + new media" fusion management carrier platform, provide diverse information dissemination perspectives of college students' ideological and political education, provide college students with an immersive experience, and improve the effect of emotional perception.³ In traditional teaching, due to the solidification of teaching time and place, teachers blindly pursue a reasonable allocation of time in various parts, only focusing on completing the task of teachers' "teaching", and neglecting the process of students' "learning", which has struck the students' enthusiasm for self-learning and the spirit of self-exploration. Modern network teaching attaches importance to receiving information and despise practical activities. Students trained under this model also have certain disadvantages. This kind of disadvantage is to make students become indifferent to their surroundings and become neglected. Therefore, it is a must to pay attention to the cultivation of IQ. Only by implementing the online and offline blended teaching, taking the benefits and removing the disadvantages can people raise the level of higher education.

D. Optimizing and integrating higher education teaching resources

First of all, it is necessary to provide a continuous stream of high-quality online courses, continuously improve the level of online teaching services, and adapt to the course requirements and academic progress of the

³ Li Hourui, Zhu Jian, Innovation of Network Ideological and Political Education in Colleges and Universities under the Condition of Media Integration [J]. Studies in Ideological Education, 2018(2): 71-75.

majority of college students. In addition, schools should not only focus on the local investment in teaching basic equipment, but also put the focus more thoroughly on the education investment of each registered college student. In the traditional education model, higher education focuses on the construction of the school's local educational infrastructure, and serves and trains college students within the campus. Nowadays, the online teaching makes the school's local education facilities useless, makes the classrooms and laboratories empty, and the teaching equipment full of gray. This is a problem that must be solved.

E. The principle of people-oriented and the work of helping students' study need to be carried out at the same time

Today the education should implement a purpose, that is, it must adhere to the people-oriented teaching management concept, start from all aspects, and earnestly understand and improve the support policy for the disadvantaged groups of college students, so that each vulnerable group of college students can successfully complete the online learning task, complete the transition from school to family learning place, become able to compete with other college students on the same stage, and be able to be trained as talents by the state and society. The author thinks the following adjustments are needed to be carried out:

The first is to strengthen ideological education, including parents and college students themselves. It is necessary to require them to work hard to overcome the concept of "Internet courses, online games, Internet cafes", establish a correct concept of online learning, and help college students establish long-term learning goals and a positive attitude towards life.

The second is to establish a perfect "award, loan, help, supplement, reduce" policy support system for the disadvantaged groups of economically impoverished college students.

The third is to pay attention to the capacity building of vulnerable groups of college students and strengthen self-education.

The fourth is to actively carry out a variety of cultural and sports activities and social practice activities, using group norms and group cohesion to assimilate vulnerable groups of college students

IV. STRENGTHENING THE TEACHING REFORM OF HIGHER EDUCATION AND ACCELERATING THE CONSTRUCTION OF FUTURE NETWORK TEACHING

The aim is to create a world-class university, and it is a major strategic decision made by the Party Central Committee according to the reality of China's higher

education development and the trend of world higher education development. It is an important measure for China's higher education to cope with its own reform and development and external challenges under the background of economic globalization and increasingly fierce competition for comprehensive national strength. It is also a grand project to improve the development level and quality of higher education in China. The most important sign of a first-class university is to cultivate outstanding people who have important influence in various fields.

For what have proposed to cultivate outstanding figures, it is a must to change the educational concept and deepen the reform and innovation of education and teaching. "Promoting integrated media development and building an all-media media have become an urgent issue facing us".⁴ The current online teaching period is a rare historical opportunity, which is used as an opportunity to transform traditional teaching as the main line into online and offline mixed teaching. It is necessary to optimize and integrating higher education teaching resources, and accelerate the reform of teaching content, curriculum system and the modernization of teaching methods. It is also necessary to give full play to the initiative and innovation consciousness of college students, further improve the quality of higher education training, appropriately expand the number of college students, and train high-level graduate students and doctoral students under the optimization of network teaching resources. Also it is of great significance to vigorously develop long-distance education, facing economic construction and social development in the future, actively cultivate in-service key personnel of online higher education online courses for regions and enterprises, and build a modern lifelong education learning system to fully adapt to the requirements of modernization construction on training all kinds of talents.

In education reform and personnel training, network teaching has effectively strengthened students' comprehensive quality education, including the cultivation of ideological and moral qualities and cultural qualities. Under the pressure of the new situation of online teaching, teachers need to work hard to improve their qualities, families need to strive to create a school atmosphere, schools need to improve cultural taste, and online platforms need to purify and disseminate content, so that students' comprehensive quality education can be further strengthened. The comprehensive development of college students, college students, morals, physical, mental, and physical

⁴ Xi Jinping. Xi Jinping: Promote Media Integration to Develop in Depth and Donsolidate the Common Ideological Foundation of the Whole Party and the People [EB/OL]. (2019-01-25)[2019-02-24].<http://cpc.people.com.cn/n1/2019/0125/c64094-30590946.html>.

skills is a basic link for individual development. Therefore, it is necessary to do a combination of individual development and overall development. In the face of the previous main tendency of traditional teaching, which emphasized too much on unification, it requires everyone through a standard and a model, which cannot inspire the personality and strengths of students. An important reason for college students' lack of creativity is that their personalities are not fully exerted. The network information and resources are abundant, the teaching quality is significantly improved, and the form of exams or course exams is flexible and changeable, and it is conducive to improving the proportion of interesting knowledge and elective courses, providing a more relaxed environment for students' personality development and creative training to form a strong academic atmosphere and promote top-notch talents to stand out.

V. CONCLUSION

In short, the development of online teaching, along with the implementation of the governance concept and the reform of the governance system, gradually developed into an online and offline mixed teaching is undoubtedly one of the important driving forces for the future construction of Chinese universities.

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