

The mode transformation of modern information technology in higher education management

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Abstract: With the development of "Internet + Education", higher education management has entered a new stage of intelligent and intelligent development. By giving full play to the advantages of modern information technology, actively restructuring the process of university education management, innovating the mode of university education management and the thinking of governance, the quality of university education management will be substantially improved, better realize the consistent integration of wisdom education and all-round education. This paper analyzes the background and advantages of the application of modern information technology in higher education management, and puts forward some suggestions on the reform of the mode.

Key Words: Modern Information Technology; University; education management; mode change

The change of modern information technology has changed the role relationship between colleges and students in the traditional sense, and weakened the function of knowledge production, exchange and dissemination platform in the traditional sense. In the Internet age, colleges and universities should dare to break away from the shackles of traditional thinking and ideas, and dare to run Internet thinking through the whole process of college reform and innovation in traditional education and management, actively learning from Internet thinking and the concepts and models of Internet enterprise operation, building a flat, platform and flexible organizational form, and seeking new breakthrough points and growth points in transformation and upgrading, promoting the transformation and upgrading of colleges and universities and their high-level and high-quality development.

1.THE BACKGROUND OF THE MODEL TRANSFORMATION OF MODERN INFORMATION TECHNOLOGY IN THE EDUCATIONAL MANAGEMENT OF COLLEGES AND UNIVERSITIES

The educational idea based on the application of modern information technology is to really highlight the students'noumenon and subject status in learning, by stimulating and mobilizing the students'initiative, enthusiasm and creativity in internal learning, turn a boring study into a meaningful or even enjoyable experience. With the application of modern information technology, students-centered learning can be fully realized, and the initiative and initiative of the EDUCATEES can be greatly released.

The traditional mode of higher education management has clear standardization and authority, which requires all to follow the fixed rules. This has actually been divorced from the essence of higher education. Especially after entering the information age, which is characterized by science and Technology and innovation, the ossified traditional model has restricted the innovation and reform of universities and hindered the development of universities. There is no sense of the times, so students are imprisoned in the creative play as well as the desire for personality development. This has led to some colleges and universities in the flood of information technology, the first response is to resist, worry about the disruption of the management order has been affecting the achievement of educational goals. However, the pace of the Information Age will not stop because of a certain disapprobation, any universities that refuse to join will become an isolated island of the information age. When they refuse to keep pace with the times, they will be abandoned by the times. The talents they cultivate will also be abandoned by the times, and the original

pursuit of the schools will not be realized. However, the university, which has taken the lead in realizing the change of consciousness, has completely reversed the original management thinking, brought information technology into every work of education management, and respected the creativity of teachers and students and their plans for future development. And pay attention to the input of information technology, so that the school's work to achieve data management, not only to facilitate students, but also to open up a new way of management, to facilitate their own management, but also to promote their own development.

The traditional university education management method, is mainly by manpower, relies on the person's hands and the brain to complete the complex management, but a school's various management work is no different with the big project, completes only by the hand and the brain, the workload is particularly big, but the efficiency is not high, causes the teacher to be extremely miserable. At the same time, there is a strong sense of independence among the disciplines and departments of the university. They are not willing to deal with each other, and each has only their own information and data, and do not speak to others. This has led to the closure of all kinds of information, not only can not achieve management transparency, but also led to a large number of repetitive work, wasting a large number of human and financial input, more importantly, it is not conducive to the overall management of schools, can not ensure the fairness and impartiality of education management.

With the development of information technology, the teaching form of traditional Chinese university education has undergone a fundamental change. The form of teaching is changing from one-way indoctrination teaching to modern network and multi-media teaching. In the process of learning, students can hear the most authoritative and experienced teachers without the limitation of space and time, and the number of students is not limited by physical space Teaching efficiency is greatly improved: in a short time, to teach more information, and so on; teaching process is diverse, teachers and students to achieve teaching two-way interaction. At the same time, the role of teachers is also changing: in the age of network information technology, teachers complete the transformation from the imitators of cultural knowledge to the builders of knowledge system. The teacher changes from a teacher-centered speaker to a student-learning instructor and activity organizer, that is, to guide as the main line and to impart knowledge as the content. The role of teachers in teaching activities is as a provider and imitator of knowledge, and as a navigator of knowledge and a stimulator of learning interest.

The development of information technology provides new educational means and technology for Chinese university education. The network is a huge library of educational resources, which can be shared by every student by storing a great deal of data, files, programs and teaching software in the network teaching system. The change of educational teaching means based on information technology is reflected in the establishment and use of database in the following aspects: first, the establishment of digital, open-style educational teaching database; Third, the establishment of online teacher-student interaction teaching model. Moocs are open courses distributed over the internet by organizations of individuals with a spirit of sharing and collaboration to enhance the dissemination of knowledge, its appearance will change the whole teaching method and means.

2. MODERN INFORMATION TECHNOLOGY IN THE MANAGEMENT OF HIGHER EDUCATION MODEL REFORM STRATEGY

The mobile internet is rapidly changing the way people mode of production, live and think. Information technology itself has become a key factor in the impact of traditional education and teaching ideas. All these characteristics of the times have put forward revolutionary new requirements to the reform of university education and teaching. Establishing the correct direction of education and teaching reform. Education is not only a way to improve social

production, but also an important way to bring up people with all-round development. Education transforms people from possible labor force into realistic labor force, from natural person into social person. From the height of the theory of value, it is decided that the reform of university education and teaching in the information age must be people-oriented, serve the socialism with Chinese characteristics, and be combined with the objective reality of economic and social development.

Take the teaching pattern reform as the lever, "leverages" the education idea, the teaching content and the curriculum system omni-directional reform. While information technology is drastically changing the mode of human production and life, it also has a direct effect on improving the teaching efficiency and effect of traditional teaching mode, this is determined by the inherent nature of information technology. In just a few years, new means of education and information dissemination, such as moocs, micro courses, flipped classrooms, mobile learning, micro blogs, wechat and other information technologies, have been born, with all-pervasive penetration and irresistible spread, completely changed the human acquisition of knowledge, improve the skills of learning. Then people have to re-examine and rethink the traditional education idea and teaching content. Just as the life style of human beings can change people's ideas, the reform of teaching mode in the information age is bound to "Pry" the great innovation of educational ideas. In the field of higher education, the traditional professional education idea of training high-level specialized talents will be changed to the general education idea of training high-quality compound talents with innovative spirit and innovative ability.

It is not difficult to see that in the era of mobile Internet, in a comprehensive analysis of the university teaching model, educational philosophy, teaching content and the direction of curriculum reform, the following five aspects are the key points of university education and teaching reform: first, the change of teaching focus. The important difference between teachers and students is no longer knowledge quantity, but knowledge structure. Therefore, the focus of teaching must be shifted from "knowledge imparting" to "comprehensive training of ability and quality", and the role of teachers should be changed. Teachers and students will more often be learning together, inspiring each other's partnership. Teachers will change from communicator to interlocutor, from manager to guide, from performer to director, in order to build a new type of teacher-student relationship in the era of mobile internet. With the rapid development of the Internet, the traditional subjects are rapidly differentiated, and the speed of the transformation from scientific discovery to technology is accelerating. The teaching system of the curriculum should also change from the subject-based curriculum construction mode to the curriculum system to promote the all-round development of students. Based on the diversity and selectivity of Internet teaching, the learning mode of the university will change from the "fixed single" mode to the "Rich and colorful" self-learning mode which is learner-centered, learner-centered, learner-centered and innovation-oriented Fifth, the reconstruction of knowledge system. In order to cope with the trend of time fragmentation, learning fragmentation and knowledge fragmentation in the internet age, universities must attach importance to the reconstruction of Students'personalized knowledge structure and knowledge system, make the student's knowledge system from "scattered fragments" to "system integrity".

Taking the reform of teaching management mechanism as a breakthrough to construct the university education ecosystem in the information age. After entering the information society, the social development "pushes back" the university to renew the educational and teaching idea, and gradually establishes the general education idea of training high-quality compound talents with innovative spirit and ability. The new educational concept objectively requires that the traditional teaching management mode of "three-center" should be changed into the educational ecological cultivation mode of "student-centered" and "self-cultivation". The concrete measures are: following the trend of change, using information to drive the modernization of education and teaching; breaking the barriers to promote

the sharing of all kinds of education and teaching resources in and out of school; Strengthen the construction of teaching support system, improve teaching efficiency and teaching effect, and so on.

Make full use of modern information technology to promote teachers to reform teaching methods. Contemporary College students and modern information technology grow together, especially adapt to the conditions of modern information technology-based teaching and learning methods. In accordance with the characteristics of different disciplines, specialties and courses, we should promote the teaching methods of discussion, inquiry, cooperation and participation based on the application of modern information technology, improving students'ability of self-determination and research study. We should set up teaching cloud platform, provide personal teaching space for teachers, optimize teaching design, guide students online self-learning, implement online-to-offline interactive hybrid teaching. We should make full use of modern information technology, reform the classroom teaching mode, and make the class more refined, strengthen the extra-curricular, intensive teaching more practice, reduce the teacher's class teaching time, increase the class discussion time and the extra-curricular homework; The main purpose of teachers'classroom teaching is to explain clearly the key points, difficulties, key points and growing points, and to arouse students'deep thinking, deepen their extra-curricular learning and open a "window", so that students can see the forefront of the subject and development prospects, to provide an "interface" so that students understand how to apply the knowledge learned. To reform the examination method, we should not use one test paper to determine the total result of the course, but integrate the results of homework, class discussion, mid-term final examination, reading report or experiment report, course essay, etc. , to determine the course grade.

Fragmentation learning promotes the reconstruction of knowledge system. With the development of the new generation of information technology, the channels of information sources show the trend of multi-development. In the context of the big data era, learners can use devices such as smartphones to freely learn and acquire meaningful knowledge fragments in a vast amount of information, taking advantage of a large amount of fragmented time, and no longer subject to time and space constraints, so that learning from the traditional classroom and traditional teaching model of the shackles, can be carried out at any time anywhere self-study. The diversity of information and the quickening pace of life are quietly changing the way people learn, and fragmented learning is gradually becoming the main way people acquire knowledge in the era of big data, the development of information technology and the emergence of mass data provide convenient conditions and high-quality information resources for the fragmented learners, and also have an important impact on the reconstruction of the learners'knowledge system.

3. CONCLUSION

Education is a kind of social activity to train people. To promote the free and all-round development of people is not only the starting point of education, but also the end-result of education. Innovation is the lofty value pursuit that human beings are born with. Only by unifying this lofty pursuit of value with the ultimate goal of free and all-round development of human beings is the correct way to cultivate the innovative culture of Chinese universities in the information age. In the new environment of Internet Education, colleges and universities should establish a student-centered, self-exploration and cooperation teaching mode, and fully mobilize the enthusiasm, initiative and creativity of students.

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