

A Study on the Influence of MOOC on Higher Education

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Abstract: The emergence of MOOC has had a great impact on the traditional higher education, from the basic teaching content, teaching methods, teaching process, teaching evaluation have produced Earth-shaking changes. The application of MOOC is bound to change the development mode of higher education in higher education. This paper analyzes the current research situation of MOOC at home and abroad, the influence of MOOC on the teaching management of higher education, and analyzes the influence of MOOC on it in the light of the online course which the author himself is responsible for, hoping to draw on other related courses.

1. Introduction

The ten-year development Plan of Education informationization (2011-2020) points out that information technology has a revolutionary influence on the development of education, and puts educational informationization into the overall strategy of national informationization development. The introduction of MOOC can share the world's high-quality teaching resources, and thus make up for the imbalance of education and teaching resources in all colleges and universities in our country. Compared with the traditional way of education, the greatest advantages of MOOC are the popularization and equality of education, the equal access of educated persons to education, the sharing of educational resources, and the reduction of the cost of education.

2. Research Status of MOOC Abroad

The emergence of MOOC the most higher education has formed a powerful impact, MOOC large-scale transmission, the sharing of various resources, to the various levels of higher education and bring new changes, so that higher education to change. The research of foreign scholars shows that although MOOC is an information teaching carried out by using modern technology, it still needs to rely on basic equipment resources and curriculum resources. Research shows that MOOC promotes fair education around the world, and learners can interact with each other. At the same time, it also brings new challenges to higher education, should treat the development of MOOC in higher education rationally, and evaluate its advantages and disadvantages objectively.

3. Research Status of Teaching Management in Colleges and Universities Abroad

Some foreign countries have always been in a leading position in the teaching idea and teaching method of colleges and universities. In the aspect of teaching management, foreign countries have been carrying out relatively open and free management mode, which is conducive to promoting the reform and innovation of teaching management. Foreign colleges and universities pay more attention to the construction of teaching management system in teaching management.

4. Present Situation of Domestic Research in MOOC Development

Higher education is already not limited to classroom teaching alone. With the rapid development of information technology, all kinds of new teaching methods emerge endlessly, which greatly affects people's learning style. In the 2012, MOOC caused a worldwide sensation, and learners were able to learn the highest quality courses in the world's top universities. MOOC with its large-scale, open, network, interactive, resource-rich sharing and other advantages to meet the needs of different levels of learners.

2013 can be called the MOOC of our country, Tsinghua University and Peking University joined the edX Alliance, Shanghai Jiaotong University and Fudan University joined the Coursera Alliance at the same time. At the same time, the country also has its own MOOC platform, such as Tsinghua University's "school Online", by 39 985 colleges and universities formed by the "Chinese University MOOC", as well as Shanghai Jiaotong University's "Good College online" and so on. The MOOC platform aims to provide high quality MOOC courses to the general public through exchanges, seminars and other activities to achieve the sharing of high-quality teaching resources among high-level universities in China.

5. Research Status of Teaching Management in Colleges and Universities

At present, the research on teaching management in colleges and universities in China mainly has the following three aspects. Research on the concept of teaching management in colleges and universities. There are mainly the following views: People-oriented teaching management concept, put forward specific how to implement and improve the concept of teaching management. Some experts have pointed out that the traditional teacher management is too conformist, must carry on the change of thought and the reform of teaching management, and then keep pace with the times. Research on the construction of teaching management team in colleges and universities. The comprehensive ability of teaching management staff in colleges and universities is related to the overall development of colleges and universities, and the construction of teaching management team should be increased. Research on teaching management system in colleges and universities. Experts point out that in order to integrate the elements of the Times under the background of modern technology, it is necessary to reform the teaching management system in colleges. In-depth analysis of the existing problems in the current teaching management system, and to seek suitable solutions, the innovation and reform of the teaching management system has a certain positive significance.

6. Design of Teaching Mode Based on MOOC

The influence of MOOC on Teaching Management in Colleges and Universities MOOC has had a great influence on higher education. Behind it is the innovation and perfection of teaching management in colleges and universities. The influence brought by MOOC requires the guarantee and guidance of the practice of teaching management in colleges and universities in order to give full play to the favorable factors, and then inject impetus into the realization of teaching results. MOOC brings new ideas and new development to the innovation of teaching management in colleges and universities. At the same time, it also needs teaching management to keep up with its own development and integration with traditional education. With the integration of MOOC and higher education, the teaching management of colleges and universities is effective. Information technology has gradually penetrated into various disciplines, but also into the teaching management system. The comprehensive quality of the teaching management team has also been constantly improved. There will also be some problems at that time. The assessment of teachers in most colleges and universities is usually maintained by scientific research. Some universities attach importance to scientific research and despise teaching, which is not conducive to the combination of scientific research and teaching. The system of student management, evaluation and mutual recognition of credit among schools is not perfect.

7. The Influence of MOOC Application on Domestic Higher Education

MOOC provides a sustainable development model, redefines the role of teachers, innovates the teaching model, and improves the completion rate of the curriculum while giving students a complete and in-depth learning experience. MOOC has had a profound impact and great impact on higher education, both opportunities and new challenges. The objective of the MOOC is to educate equitably so that all relevant learners can cooperate and share knowledge. And then broaden the breadth and depth of knowledge. It is necessary to analyze objectively and dialectically, recognize and practice that the development of MOOC, MOOC has great influence on higher education, be flexible, convenient, and provide the advantage of fair learning. However, we should not exaggerate its importance. MOOC can not completely replace the traditional real universities, and should further promote the integration and innovation of MOOC and traditional education.

MOOC relies on the network platform, takes the teacher as the leading, the student as the main body, and changes the traditional classroom teaching with the teacher as the main body. MOOC shares the high-quality curriculum resources of each university through the Internet. MOOC not only provides the video resources of the curriculum, but also changes the traditional classroom teaching. There are other high-quality resources, such as courseware, reading materials, teaching materials, high-quality teaching cases and so on. These various resources greatly enrich the whole teaching process.

Students study on their own whenever and anywhere, not limited by time and space. From passively accepting knowledge to self-regulated learning, students can adjust their learning progress according to the difficulty of the course, their own knowledge reserve, and the situation of self-regulated learning. The students really became the leader in learning. MOOC has changed the traditional teaching method and has great influence on the teaching content, teaching method, teaching process and evaluation standard.

Here I am responsible for the construction of the online course Database Technology and Application course as an example.

Course orientation: the core of database technology is data processing by computer. The course "Database Technology and Application" is one of the core courses of basic computer teaching in universities. The teaching goal is to train students to manage and process information using data technology, to master the basic knowledge of database application system development, and to train students to have the ability to develop simple database application system. The teaching goal of this course is to train students to have the elementary idea of database application, master the relational database, and the basic method of object-oriented programming. Through the study of this course, students can take the national computer grade examination level 2 ACCESS examination.

The teaching object is non-art students of sophomore. After studying before, the students have mastered the basic theory of computer, have certain computer operation foundation, and have done the knowledge reserve to the study of this course. Most of the students have active thinking, but their learning ability is not strong, and the sense of teamwork is weak. And most of the students are Phubber, poor hands-on ability, theory and skills disjointed. The cooperation consciousness is weak, does not like to think, lacks the inquiry ability and the team spirit. Not willing to learn theoretical knowledge. In the process of teaching, I concretize the abstract concept, make use of the smart phone, and arouse the students enthusiasm for learning, and make full use of the mobile phone to make full use of the boring theory. Independent compilation of teaching materials and supporting experimental guidance books. Carefully design the teaching content, case teaching, guide step by step. Strengthen skills, pay attention to practice, rich in exercises. The experimental guidance is closely combined with the main teaching material, and the experimental case is carefully designed.

8. Summary

The introduction of MOOC has brought great changes to higher education. In order to better serve teaching, the corresponding teaching management must also keep pace with the times. Let MOOC truly serve the teaching, improve the quality of teaching and improve the quality of talent training.

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