How to Innovate Teaching Management in Colleges and Universities Under the Information Environment

Han Wu, Dr. Thada Siththada

Department of Educational Administration graduate school, Suan Sunandha Rajabhat University, Bangkok Thailand 10300

Abstract: With the rapid development of information technology, the information development level of higher education in China is higher and higher. In university management, information technology has been widely used and deeply integrated with university teaching management. Teaching management plays a very important role and value in higher education. The level of teaching management will directly affect the teaching effect. Therefore, the research on innovative teaching management in colleges and universities under the background of informatization has important value and significance. Based on this, this paper focuses on the analysis and discussion of innovative teaching management methods in colleges and universities under the information environment, so as to improve the level of innovative teaching management in colleges and universities, improve the level and quality of talent training in colleges and universities, and provide more excellent talent guarantee for social development.

Keywords: Informatization; Colleges and universities; Teaching management; Innovation model

Introduction

The development of higher education informatization in China is not only the inevitable trend of the development of the new era, but also the inevitable result of the rapid development of information technology. It is the only way of modern education reform and the inevitable need of talent training and development. In recent years, China's higher education and information level have been effectively combined, and a large number of dynamic teaching management data have been formed in the daily teaching management of colleges and universities, which has brought great management pressure to the teaching management of colleges and universities. In this context, innovating teaching management modes and methods in colleges and universities and cultivating more excellent talents in combination with information technology have become an important issue that colleges and universities need to focus on.

1. Introduction to informatization of teaching management in colleges and universities

Informatization mainly refers to the development and utilization of various information resources with the help of the advantages of information technology to realize information exchange and knowledge sharing. In teaching management, information-based teaching management is in a very key position. At the same time, it is also an important process and way for the development of scientific teaching management in colleges and universities.[1]Teaching management in colleges and universities refers to a series of educational management means adopted in the teaching management of colleges and universities according to the teaching objectives, follow the development law and teaching development law of teaching management in colleges and universities, scientifically and reasonably allocate and utilize various resources in the whole teaching management of colleges and universities, so as to ensure the normal operation of teaching management in colleges and universities, realize the goal of talent training in colleges and universities. The informatization of teaching management in colleges and universities mainly refers to a series of ways and methods of information teaching management with the help of the advantages of modern information technology such as Internet technology, computer technology and multimedia technology, and according to the concept of information teaching management, scientifically manage the teaching process of colleges and universities, focusing on the realization of the objectives of teaching management in Colleges and universities. The information-based teaching management in colleges and universities does not simply rely on various information software and systems. It gives full play to the role of information construction in teaching management, improves the efficiency and quality of teaching management in colleges and universities, makes the teaching management in colleges and universities develop towards a more scientific and efficient perspective, and meets the actual needs of the society for teaching management in colleges and universities.[2]

2. Deficiencies and problems in information innovation teaching management in colleges and universities

Firstly, the cognitive level of teaching management informatization is not high. With regard to the informatization development of teaching management, many colleges and universities believe that the informatization of teaching management is only the application

of information technology in teaching management. They have not fully understood and understood the informatization of teaching management. For example, they do not understand the real meaning of informatization, the lease and value of informatization, and how to make use of informatization, it has not integrated the concept of informatization into the teaching management of colleges and universities, and has not formed the teaching management informatization system and methods suitable for the development of colleges and universities. It does not pay attention to the informatization of teaching management in colleges and universities, resulting in the insufficient informatization development of teaching management in colleges and universities, which has a great impact on the informatization development of colleges and universities.

Secondly, there is a lack of scientific and perfect teaching management information system. In the process of information-based teaching management in many colleges and universities, perfect teaching management information systems have not been established. Even though some colleges and universities have built teaching management information systems, these systems are not perfect and do not match the school's own management mode and teaching management objectives. Many information systems only take into account the image of teaching management in colleges and universities, it has not played its substantive effect, which leads to the teaching management information system can not give full play to its value and role, and affects the information development of teaching management in colleges and universities.

3. Effective ways to carry out information-based innovative teaching management in colleges and universities

(1) Improving the cognitive level of teaching management informatization in colleges and universities

In the teaching management of colleges and universities, talent training is the fundamental purpose of running a school. Therefore, the development level of talents is the key standard to measure the teaching management level of colleges and universities. Therefore, the informatization construction of teaching management in colleges and universities is an important content in the informatization development of colleges and universities. Therefore, university leaders and all university staff should recognize the important value and role of informatization in teaching management, establish a special responsibility system for informatization in university teaching management, and play a leading role. In addition, the improvement of the cognitive level of informatization of teaching management in colleges and universities also requires college leaders and staff to understand the important connotation of the combined development of modern information technology and teaching management, improve the synchronous planning level of education and information technology in colleges and universities, and give full play to the leading role of informatization in teaching management, And use information technology to innovate and guide the teaching management in colleges and universities, optimize the teaching management mode, and improve the efficiency and effectiveness of the teaching management in colleges and universities. In addition, when improving the cognitive level of teaching management informatization in colleges and universities, we can also compare and innovate the original teaching management ideas in combination with the relevant research experience of teaching management informatization construction in colleges and universities at home and abroad, and pay attention to the development of teaching management informatization in colleges and universities from the aspect of ideological understanding, innovation and development of teaching management information system and ideological guidance.

(2) Constructing scientific and effective information system of teaching management in colleges and universities

In the process of university teaching management informatization, the construction of university teaching management informatization system is the most basic, and it is also the basic guarantee to ensure the development of university teaching management informatization. Therefore, colleges and universities should pay attention to the construction of teaching management information system in colleges and universities, take service guidance as the guide, make scientific planning and design of the information system according to the actual situation of their own schools before construction, and analyze and count the existing teaching resources in colleges and universities in combination with the orientation of colleges and universities and the existing teaching management mode. Then, from the perspective of the way to build the teaching management information system platform in colleges and universities, some information systems can be purchased from some enterprises, and the enterprises can adjust and upgrade the system according to the situation of the school itself. In this process, colleges and universities should test and optimize the matching degree of information system platform according to their own development; Or the information department of colleges and universities can create a teaching management information system platform according to the situation of the school. In addition, in the construction of university teaching management information system platform, the teaching management process should be adjusted, improved and upgraded according to the changing needs of social talents, so as to make the university teaching management information system platform meet the development of society and the new era and meet the needs of society.[3]

(3) Reform and optimize the organizational structure and management process of teaching management informatization in colleges and universities

In the process of innovation and improvement of teaching management informatization in colleges and universities, the flexible, networked and flat characteristics of teaching management organization structure in colleges and universities need to be more prominent. In this way, we can reduce many layers of teaching management, repeated management, unclear management rights and responsibilities, bloated and miscellaneous institutions, slow internal information transmission, untimely information communication Information feedback lags behind and management efficiency is low. In addition, in the process of the development of teaching management informatization, colleges and universities should improve and optimize the management process, clarify the teaching management contents and processes corresponding to each department in colleges and universities according to the principle of process reengineering and based on the management process, and guide each department to carry out teaching management through standardized teaching management process, better carry out teaching management business; At the same time, under the guidance of the management process, dredge the data connection of each work business flow in colleges and universities, and reconstruct

and improve the information management organization of teaching management in colleges and universities according to the work process of teaching and learning.

4. Conclusion

The application of information technology in higher education improves the teaching quality and teaching level of colleges and universities. In the management of colleges and universities, teaching management is its core content. The information development of teaching management plays an important role in improving the level of teaching management, improving the quality of teaching management and realizing the goal of information development of teaching management in colleges and universities. However, in the actual informatization development of teaching management in colleges and universities, insufficient innovation, low informatization level and weak integration of teaching management and informatization restrict the informatization development of teaching management in colleges and universities and affect the innovative development of teaching management in colleges and universities. Therefore, colleges and universities should pay attention to the role of information technology, constantly explore the application of information in college teaching management, improve the information level of college teaching management, and provide an important guarantee for the development of college information.

References:

[1] Xu Fenfen. Research on informatization innovation of teaching management in Colleges and Universities Based on big data environment [J]. Science and Technology Wind, 2021 (25): 83-85.

[2] Shen Lili. Research on the innovation and application-oriented reform trend of teaching management in colleges and universities [J]. Journal of Heilongjiang Institute of Education, 2019,38 (09): 48-50.

[3] Zhu Qi. Thoughts on informatization of teaching management in colleges and universities [J]. Examination Weekly, 2019 (08): 37.

Brief introduction to the author: name (Han Wu), female, Han, from Nanyang, Henan Province, 2021 master's student in the school of education management, xuansu University, Thailand, with the main research direction of pedagogy.