

Improvement and Innovative Countermeasures of The Education Management System of Colleges and Universities Under the Background of Education in the New Era

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Abstract: Compared with the rapid development of educational technology, the management system of educational technology in colleges and universities is obviously lagging and uncoordinated. The backward management system not only wastes precious educational resources, but also hinders the development of educational technology itself in colleges and universities. The article starts from the historical evolution of the educational technology management system in colleges and universities. Analyze the problems existing in the current management system and the causes behind the problems, and on this basis, put forward suggestions and strategies for improvement from the aspects of organizational restructuring, establishment of new operating mechanisms, and team building.

Keywords: innovative countermeasures, education management system, new era

1. INTRODUCTION

The rapid development of information technology provides an important technical basis for informatization to become a modern transformation of all aspects of social production and life. Colleges and universities, as the main front for the cultivation of outstanding talents in the future, are an important cornerstone of the country's prosperity and development. The innovation and development of the education management system in colleges and universities under the wave of informatization provides a new development idea for the cultivation of talents in colleges and universities. important part of. April 1978.

Comrade Deng Xiaoping put forward a call at the National Education Work Conference that "measures should be formulated to accelerate the development of modern educational means such as television and radio. This is an important way to develop education more quickly, better and more economically." Subsequently, the ministry of education established the audio-visual education bureau and the central audio-visual education center. The audio-visual education bureau and the central audio-visual education center are a set of teams with two functions and are administrative functional institutions with both administrative and service functions. In October 1981, the ministry of education issued the "notice on the current development of audio-visual education work", which clarified the names, tasks, staffing, and staff titles and remuneration of audio-visual education institutions at all levels. Provisions. thereafter.

Radio and television universities in various provinces and cities have been established one after another, and colleges and universities have also successively established audio-visual education institutions. They belong to different higher-level guidance departments and carry out audio-visual education work. In the new era, my country's higher education has made great progress, and colleges and universities have

made unprecedented achievements in personnel training. As an important guarantee for the orderly progress of teaching work in colleges and universities, the management of educational affairs in colleges and universities is the core of college management. The efficient development of information technology also provides new development ideas for the innovation and reform of the educational management system of colleges and universities. Only when colleges and universities actively seek new development and breakthroughs in the wave of the new era can they constantly adapt to the needs of new social development and truly realize the innovative practice development of higher education management system.

The school's audio-visual education center, computer center and network center are managed by the leaders of different departments. When the leaders of each department carry out the departmental education technology work, they only pay attention to how to reasonably allocate the resources of the department to ensure the work. The completion of the goal lacks comprehensive coordination and overall planning with the leaders of other educational technology institutions in the school. As a result, the current educational technology work in the school only stays in the state of maintaining daily operation, and it is impossible to consider overall issues. The innovative development of higher education management system is an inevitable move to improve teaching efficiency and quality. The education and teaching management system of colleges and universities is a knowledge- and information-intensive complex dynamic management system. The various information generated in teaching and management activities is a huge dynamic management system, and the information structure is very complicated.

2. THE PROPOSED METHODOLOGY

2.1 The Development and Innovation of the Educational Management System in Universities

Under the traditional education management system model, this information needs to rely on human power for data collection, statistical analysis, arrangement and other operations. The work efficiency is low and error prone. will become an obstacle to the modernization of education. The development of educational technology in colleges and universities, including the functions, positioning, and future development direction of educational technology institutions in colleges and universities, largely depends on the level of understanding of educational technology by the leaders of colleges and universities. Educational technology is a new interdisciplinary subject in colleges and universities, and the decision-making leaders of colleges and universities are seldom educated. I don't know much about educational technology, and I can't keep abreast of the development trend of educational technology.

Neglecting the value and status of educational technology in colleges and universities has led to the current confusion in the positioning of educational technology institutions in colleges and universities. The concept of informatization of education management in colleges and universities lacks necessary rationality and scientific. Under the background of education informatization, the innovation and development of university education management mechanism system should be based on the concept of service management for schoolteachers and students. However, the current reform of university management mechanism system often starts from the perspective of managers themselves, ignoring the service awareness and management concept for students, is not conducive to the individual development of students. College students are an important part of college education. In the stage of higher education, college students develop more independently physically and mentally. Currently, their understanding of the world is in the stage of exploration. They are easy to accept new things and are also easily disturbed by bad information from the outside world. Educational technology work in colleges and universities belongs to the category of teaching work.

Colleges and universities may establish a school education technology committee or leadership group composed of the vice president in charge of teaching, the academic affairs office, the equipment office, the finance office, the higher education research institute, the library, the educational technology institution, and the heads of each school and department. The person in charge of the educational technology institution Served as the director of the committee's office. The committee holds regular joint meetings to approve the educational technology development plan and annual work plan of the whole school, guide the development of educational technology work of the whole school, and coordinate the relationship between the educational technology institution and other departments in the school. The daily management work is entrusted to the educational technology institution. Clarify the specific goals of the innovation and development of the education management system in colleges and universities. The informatization development of the university education management system is an important link to complete the modernization transformation of university education and realize the digital campus under the background of education

informatization. Optimize and reorganize the management organization and management procedures to effectively improve the management level and management efficiency of colleges and universities.

2.2 Objectives of higher education management based on the concept of innovative education.

To this end, it is necessary to integrate the educational management information resources of colleges and universities through advanced informatization means, based on the creation of a teaching information management website suitable for the development of the school. On-the-job training for educational technology workers is a shortcut to improve the overall quality of the educational technology team. The training content includes educational technology theory, instructional design theory, teaching and learning theory, multimedia technology, network technology, etc. Due to the limited number of personnel in educational technology institutions in colleges and universities, it is difficult to carry out large-scale job training. The author believes that colleges and universities can rely on "educational technology training centers" to implement training in stages and batches for educational technology workers. To ensure the training effect, a hierarchical and topical training method can be adopted.

Taking the development of relevant teaching information management platform as the core and aiming at improving the level of education and teaching information management, an education and teaching information management platform suitable for the development characteristics of the school is initially established to improve the utilization efficiency of university information. At the same time, it is necessary to expand the application of university education management. The function is to guide and improve the education management mechanism of colleges and universities, to ensure the standardization and systematization of education management in colleges and universities, to provide teachers and students with higher quality services. The matrix educational technology organizational structure can share human and material resources among different functional departments. Improve the utilization rate of educational technology resources in colleges and universities. At the same time, the matrix educational technology organization structure has a flat management level. The procedures of decision-making and management are greatly reduced, and the service efficiency of the organization is improved. The traditional university education management system has a strong dependence and a serious tendency towards formalism, but under the background of education informatization, the traditional education management system can no longer meet the modern requirements of university teaching management practice.

Therefore, there is an urgent need to seek a new development path for the management mechanism of higher education. This innovative change includes two aspects: the structural change of the organization of the higher education management organization and the construction of an internal flexible management mechanism. The use of advanced information technology to promote the modernization of the education management system in colleges and universities can not only realize information sharing with the help of digital teaching resources, but also realize timely and accurate transmission of information in a fast and cheap way and promote the informatization and integration of teaching management links in colleges and universities. Modernization,

and can break through the boundaries of time and space, realize the instant acquisition and release of teaching information, provide teachers and students with more efficient and high-quality teaching resources, build an efficient information-based teaching environment and teaching service system, and then improve the information management ability and teaching efficiency of colleges and universities and teaching quality. The construction of an internal flexible management mechanism can implement changes in the management organization structure of universities from the perspective of the development of the times, fully implement the people-oriented management concept, promote the simultaneous improvement of internal and external conditions of the management mechanism system of universities, and fully improve the efficiency and consistency of the legal mechanism system, innovate the management mode of colleges and universities, and improve the level of education management in colleges and universities.

To avoid the status quo of "multi-center, small and comprehensive" educational technology institutions in schools, the school's audio-visual education center, computer center and network center should be concentrated in the unified educational technology institution of the whole school - the modern educational technology center. There are different working organizations under the functions. Under the leadership of the vice principal in charge of teaching and the school's education technology committee, the school's education technology center consists of five departments: the education technology department, the education technology teaching and research section, the network department, the experiment management department, and the office.

3. CONCLUSION

Colleges and universities should strengthen the construction of information management mechanism, rationally apply information technology for education, so that students can learn with the help of information technology and improve the learning effect. However, students' values will be affected by bad content on the Internet. It is necessary for colleges and universities to create a safe and reliable online learning platform, rationally apply network security technology, provide students with high-quality learning content, and provide good support for education management. Fully implementing the concept of innovative education to realize the innovation of higher education management is of great significance to the improvement of the quality and efficiency of school management. Colleges and universities should actively apply diversified measures, innovate education management, and better promote the comprehensive development of students.

4. REFERENCES

[1] Xiao Yayun. Innovation and Enlightenment of University Education Management Model under the Background of "Internet +" [J]. 2020.

[2] Shang Rui. Research on Specialty Structure Setting and Adjustment Countermeasures in Colleges and Universities [D]. Shanxi University of Finance and Economics [2023-07-03]. DOI: CNKI: CDMD: 2.1013.202501.

[3] Xu Xiaojuan, Lu Zhonghua. Innovative Research on Ideological and Political Education Management in

Colleges and Universities in the New Era [J]. [2023-07-03].

- [4] Yang Han. Problems and countermeasures in the management of ideological and political education in colleges and universities in the Internet era [J]. Management Science and Research: Chinese-English Edition, 2022, 11(4): 426-430.
- [5] He Chengning. Research on the Innovation of the Administrative Management System of Universities under the New Situation [J]. Contemporary Educational Practice and Teaching Research: Electronic Journal, 2017, 000(005): 837.
- [6] Fu Junfeng. University education management under the concept of "innovative education" [J]. Art Science and Technology, 2017, 30(2):2.DOI:CNKI:SUN:YSKK.0.2017-02-291.
- [7] Li Xiaorong. Thinking and countermeasures of innovative college education management in the "Internet +" era [J]. 2018.
- [8] Shu Hong. Research on the Current Situation and Improvement Strategies of Educational Management in Universities in the New Era [J]. Shangqing, 2018.
- [9] Zhao Guoxia, Li Shandong. Reform and Innovation of University Teaching Management System under the Background of Higher Education Internationalization [J]. Management Observation, 2009(33):2.DOI:10.3969/j.issn.1674-2877.2009.33.076.
- [10] Hong Zaoqing. Research on Teaching Management in Universities under the Background of Innovative Education [D]. Central China Normal University, 2002. DOI: 10.7666/d.y431515.
- [11] Xie Qiang. Lack of innovation and entrepreneurship education in colleges and universities and its countermeasures [J]. Gansu Science and Technology, 2018, 34(21):2.DOI:CNKI:SUN:GSKJ.0.2018-21-006.
- [12] Yao Lin. Research on the Practice of Innovation in the Educational Management System of Universities under the Background of Educational Informatization—Comment on "Educational Innovation and the Construction of Management System in Universities" [J]. Science and Technology Management Research, 2021.DOI:10.3969/j.issn. 1000-7695.2021.05.029.
- [13] Sun Aidong. On the Innovation of Educational Management in Universities under the Background of Market Economy [J]. Academic Review, 2008, 000(012):P.170-171.
- [14] Chen Nan, Lin Jie. Reflections on Innovative Higher Educational Management Models and Countermeasures in the Internet Plus Era [J]. Reading and Writing (first and second ten days), 2019.
- [15] Lin Haiyan. my country's education management model innovation and quality improvement countermeasures—Comment on "Research on University Education Management Based on Big Data" [J]. Forest Products Industry, 2020, v.57; No.344(12):144-144 .