

# Construction and Improvement of Inside Teaching Quality Monitoring and Guarantee System in Colleges and Universities

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**Abstract:** In the process of effective development of higher education, it is of great concern to ensure the quality of higher education and the ability of personnel training in the field of higher education. Based on the basic idea of education quality, the University calls for the establishment of the concept, basic principles and related construction concepts of quality management system, in order to establish functions for a long time, and to have the mechanism of university education and improve the quality of teaching.

## 1. Introduction

The development of China's higher education, the improvement of leapfrog talent training ability, the popularization of higher education, the implementation of higher education and the realization of the ornamental development of higher education are the basic requirements of China's higher education in the new era. At the same time, we should ensure the sustained health of higher education. In order to improve the quality of higher education, it is very important to establish and enrich the comprehensive quality evaluation and guarantee system of universities. Under the guidance of the national comprehensive implementation and promotion of education evaluation system, all higher education institutions generally explore the construction of internal teaching quality management system. The establishment of quality supervision and guarantee system of scientific, standard, high-quality and efficient internal education guidance is a school education and education activity, which is carried out under the prior goal. Only in order to ensure indispensable education and improve the quality of Chen tea, can we develop it in order to realize the sustainable development of the school.

## 2. Quality of Education

The quality of education and education are vague concepts in the process of educational theory and practice. Different educational concepts are related to the quality of understanding and guidance. Definition is the method of teaching students to provide clues and guidance. In order to learn to attract students. It is related to factors such as the quality of education and ion, which can refer to the degree of promoting the expected educational results of students, including the appropriateness and appropriateness of learning activities. "Monitoring" is a specific technical means, which plays an external role in substance, especially in interaction with students, and organizes their tasks and activities in an organized way [1]. Teaching quality monitoring is a process of using external information technology and strategy management technology. It covers all aspects of education, as well as all aspects of off-campus Education under the environment and conditions. The monitoring of the quality of education is organically linked with all the factors that have an important impact on the professors, so as to ensure that the improvement of the quality of education and professors can form a stable and integral effect, and that the overall education, the effect of education and the timely implementation of rules and regulations in the process of educational management, monitoring, evaluation and activities are carried out. The purpose of this study is to ensure the quality of guidance by analyzing the process of quality generation teaching, and to find out the key management points to achieve continuous improvement and improvement through the implementation control of system, steps, norms, culture and so on.

### **3. Constructing the Concept of Professor Quality Monitoring and Protection System**

The core of the education quality monitoring and control system is to solve the two problems of how to monitor and control the education quality and how to guarantee the guidance quality. Therefore, the system must be constructed with a high educational concept.

#### **3.1. Comprehensive establishment of scientific cognition of higher education quality**

Establishing a scientific concept of quality, promoting the all-round development of human beings, and taking the quality of education as the basic criterion to measure as a way to meet the needs of society, is the basic condition of the medium and long-term education development plan. The quality of higher education includes both internal and external factors. One is that people should develop their level of development in an all-round way. The other is that it is necessary and satisfying to promote social adaptation. In universities and colleges, talent cultivation is a basic subject. According to the quality requirements of higher education, a comprehensive quality monitoring and protection system based on quality development is established to effectively monitor the main factors affecting teaching quality and continuously improve the quality of education. Improve the quality of personnel training and cultivate the talents necessary for the society.

#### **3.2. Establishment of a comprehensive concept of educational quality management**

The general concept of quality is that the concept of quality management and “three-quantity” quality management with full participation in the whole process can also be used to guide the ideological operation of university quality monitoring and control system. First of all, the quality management of universities and universities is not a department problem, but all departments within the school are connected, cooperated and completed with each other. All departments and positions need to increase their quality function around the center of “teaching quality”. Do not manage specific departments, links or elements separately [2]. We should start with schools and the whole system. Secondly, teachers, students, resources education, environmental education, content education, etc. A complete functional system is formed. Therefore, the quality of leadership depends on the quality of factors in the process of leadership and the quality of interaction. The whole teaching process of quality (meaning quality, formation and implementation process) must be monitored through the implementation of education quality control, so the professor monitors all situations based on the process. Thirdly, the teaching activities of higher education institutions are related to the activities of all schools. Therefore, on the basis of extensive support and participation in schools, the teaching quality monitoring and control system uses a variety of evaluation methods to influence the educational process. Conduct comprehensive multi-angle monitoring and evaluation. Teachers, students, leaders of departments and functional departments, graduates, employers, parents and so on, all the evaluation objects, quality and feedback exchanged can participate in the education evaluation, which has a network system formed by full participation and benign interaction.

### **4. Construction Principles of Teaching Quality Monitoring and Guarantee System**

#### **4.1. People-oriented principle**

The central concept of education is to emphasize “people-oriented”. Educational quality monitoring and control system includes many teachers, students and administrators. According to the concept of “teaching is the direction of students and school is the basis of teachers”, the monitoring of education quality should be constructed. The construction of safety system and system not only strengthens the important position of student quality monitoring and protection system, but also provides students with active and comprehensive participation in learning.

#### **4.2. Principles of holistic and systematic**

Talent training is a complex system engineering. The quality of education monitored and

evaluated is a complex system composed of components and processes. In order to form a stable structure, the educational quality monitoring and control system is formed through the combination of several interconnected dialogue systems inside and outside the school. Each system is interconnected, complemented and closely linked through the system and the educational process. To close the system, the construction of the system and the final evaluation of the educational effect should not only focus on, but also establish a scientific and standardized operation mechanism, which not only pays attention to timely feedback and control information system in the process of data collection and analysis, in order to maximize. The function of unified effect.

#### 4.3. Principles for continuous improvement

Continuous improvement of quality is the soul of goal and quality management. Establishment of education quality monitoring and control system also needs to follow the concept of continuous improvement of management. In order to continuously improve the quality of education guidance, process control needs to be continuously strengthened and improved.

### 5. Improving the Monitoring and Control System of Teaching Quality

The construction of educational quality monitoring and control system is multi-dimensional dynamic system engineering. In addition, the quality monitoring system of professors constructed by different institutions is also different [3]. This is composed of many components: the leadership consciousness of teaching quality decides and organizes the system; the teaching quality goal system; the teaching quality standard system; the teaching quality. Management System, Guidance Conditions, Support System, Guidance Process Monitoring and Evaluation System, Quality Information Feedback, Guidance of Quality Improvement System(Fig.1).

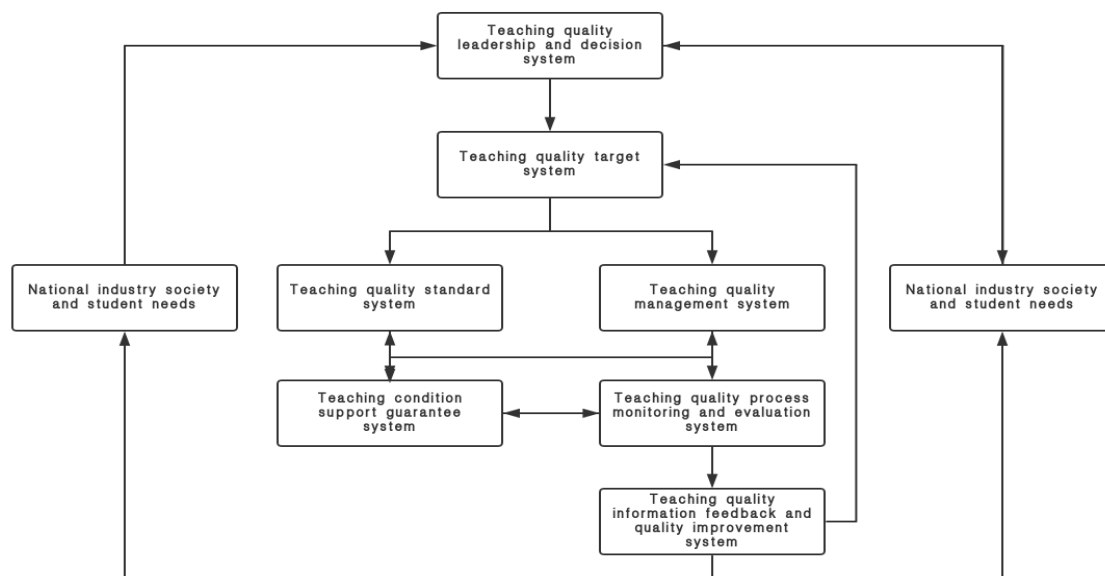


Fig.1. Teaching quality monitoring support system diagram

#### 5.1. Quality leadership and decision-making system

Guidance quality leadership and decision-making system is the center of the whole system, and it is the main body of system control [4]. This needs to be made up of school management (school leadership, educational administration, student administration, universities) and specialized organizations (steering committees, academic committees). Expert group, monitoring organization (education quality evaluation office, office, teaching staff, education research room, teachers of several students, expert group, etc.), safety organization (property and Condition Guarantee Department of school principals, student operator) organization, according to the division of labor, the responsibility of quality management and protection of the whole system. A sound organizational structure is the basic guarantee to ensure the quality of education. From the point of

view of the whole system, in order to successfully implement the whole system, corresponding departments and committees should be set up, and relevant implementation plans, systems, standards and elements should be formulated within their jurisdiction. The realization of quality management in teaching process is sorted out and the guarantee of improving educational conditions is improved. The university can also establish and improve the monitoring system of secondary guidance quality according to the level of the university.

### **5.2. Teaching quality target system**

For the sake of professors, universities and universities are the first ones with clear objectives. They should carry out quality objectives and the purpose and direction of quality teaching, which reflects the necessity of “leading” teaching quality monitoring and control system. School quality goal refers to the quality goal and requirement pursued by school talent training. This is the expected effect that the school must accomplish in a certain period of time, and is the basis of implementing quality management in the school [5]. To determine educational quality objectives, schools must regularly adjust state requirements, adjust the rationality of state requirements and objectives for advanced education, economic, social and regional industrial development, and constantly change environmental activators.

### **5.3. Teaching quality standard system**

We know that the core element of improving the quality of education is to improve the quality of education. Finally, the objective evaluation of the quality of education is the main subject for most educators. We can judge the quality of a product only by measuring the quality of teaching and establishing a scientific and reasonable reference framework. Therefore, a reasonable set of teaching quality standards is an important part of improving the quality of education. The author firmly believes that the standard teaching quality of higher education has three aspects [6]. Firstly, the quality criteria of the guidance process are mainly used to evaluate the educational effect, such as dogmatic links, knowledge, ability and scientific observation criteria aiming at standardized and reasonable requirements in students' learning process. Thirdly, the implementation of software and hardware standards in the development of educational activities should be guided by the leaders of schools as conditions for teacher training. The internal guidance quality standards of educational management departments, evaluation and construction departments, relevant functional departments and secondary colleges must be adjusted by expert steering committees and group guidance. On the other hand, we must develop quality standards according to the requirements of the concept of higher education quality. On the other hand, it must meet the relevant needs of national and local educational administrations. Again, it is absolutely necessary for us to explore the characteristics of school's unique orientation education, talent training and personnel training. Linking with the situation of the school, it is stereotyped.

### **5.4. Teaching quality management system**

Educational management system is a scientific and standardized educational management. In order to achieve the goal of personnel training, we must abide by all types of personnel should abide by the code of action to ensure the flexible operation of the teaching quality monitoring system. One is the voice education management system to ensure the quality of education. Secondly [7], the normal operation of teaching quality management system can be ensured by realizing various requirements of teaching management system. The formulation of educational quality management system must conform to the policies and rules of relevant countries. It should respect the laws of higher education, the rules of personnel training, the actual situation of schools, the scientific cognitive rules of learning and the rules of life. All educational quality management systems, including school level, need to cooperate with each other to establish a voice service quality management system.

### **5.5. Educational conditions and support systems**

The system is the basis of teaching the operation of quality management system. That is mainly

to provide the relevant conditions for improving the quality of education. Its function is to provide financial, material, educational facilities and educational environment for improving the quality of education. The comprehensive analysis results show that the educational conditions and support system include the composition of faculty, the use of funds [8], the guarantee of educational facilities, and the guarantee of education. Among them, the composition of teachers is the most priority. Conditions such as school buildings, research institutes, books, materials, sports facilities and other educational facilities are prerequisites for ensuring smooth operation of leaders.

### **5.6. Professor process monitoring and evaluation system**

The system is the core of the whole quality monitoring and control system. According to the standards of educational quality and various educational management systems, all aspects and projects of education are tested and evaluated. Data and information on all aspects of education are collected and various analysis reports are formed.

### **5.7. Quality information feedback and quality improvement system**

The ultimate goal of the monitoring system of education quality is to understand the information of the quality status of the whole guidance, to understand the leadership ability and decision-making system of high quality education, to analyze the quality deviation of timely feedback from teachers and teachers [9], and to provide effective countermeasures for improvement. Therefore, teaching quality information feedback and quality improvement system is the most important part of the whole system. Only need to maintain the quality guidance status, establish an effective feedback mechanism to correct the quality information, correct the existing problems to improve the quality of teaching. Educational information feedback is mainly collected by the school education quality assessment department. Through various notifications, press conferences, meetings, summaries, feedback forms, reports, etc., they summarized the problems in education, and consulted the management department of the school leaders to report the relevant functional departments.

## **6. Summary**

The improvement of education quality is the eternal theme of higher education. Teaching quality is the lifeline of a school. Voice education quality monitoring and control system is the key factor to improve the quality of education. It is a multi-level, dynamic and long-term basic work for universities and universities to build internal teaching quality management system. Only with patience and continuous operation can we completely improve the quality of education.

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