

# Research Analysis of Scientific Teaching Management in Colleges and Universities in the New Era

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**Abstract:** In the new era, universities in China should innovate the teaching management of our university to make it conform to keep up with the times. As one of the important components of the management system of colleges and universities, teaching management is closely related to the teaching quality and the effect of talent cultivation. Scientific university teaching management can not only improve the comprehensive quality of universities, but also help the reform of higher education in China. This paper will discuss the importance of scientific construction of college teaching management in the new era, the problems and specific optimization measures from multiple perspectives based on relevant work experience and research results, and put forward certain suggestions. It is hoped that through the analysis and discussion of this paper, more college teaching managers can be inspired and can lay a solid foundation for the reform of higher education in the new era with excellent management ability.

**Keywords:** College; Teaching management; Scientific; Teaching quality

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Among a series of management work in colleges and universities, teaching management plays a crucial role in the development of colleges and universities. Promoting its scientific development in the new era is not only the inevitable demand of the reform of higher education, but also the requirement of the development strategy of the Party and the country in the new period. With the development of the times, the content and connotation of teaching management in colleges and universities are also richer. Based on this, teaching management personnel of colleges and universities need to form a correct cognition of the connotation of scientific construction of college teaching management and accurately grasp the problems existing in the current college teaching management and the future development direction, so that the college teaching management can achieve new development in the new era.

## 1. The necessity and importance of scientific teaching management in colleges and universities

### 1.1 Promoting the development of higher education in China

The scientificization of teaching management of colleges and universities can make the teaching management of colleges and universities better adapt to the current development trend of the times, and then promote the development of higher education in China. In recent years, the number of enrollment in higher education is increasing and new teaching management methods are gradually appearing in the daily management of colleges and universities, which pushes more colleges and universities to face the challenges from the new era environment<sup>[1]</sup>.

### 1.2 Improving the quality of teaching management in colleges and universities

Increasing the construction of scientific teaching management in colleges and universities can also improve the quality of teaching management in colleges and universities. Through the scientific method of college teaching management, the teaching management personnel can deeply explore the education data of our university and combine it with the current development strategy of the institution, so as to help improve the teaching quality and management level of our university.

## **2. Problems that may exist in the process of scientific construction of teaching management in colleges and universities**

### **2.1 The concept of teaching management is too old**

Although the popularization of higher education has enabled more students to enter into the university to receive higher education, some universities still adopt the old teaching management concept to carry out various management work, which directly leads to the unsatisfactory quality of the scientific construction of teaching management in universities. Among the colleges and universities with this problem, some of them adopt the traditional duck-fill education in the teaching process, which makes the teachers of these colleges and universities only read the textbooks and instill the knowledge in the textbooks for the students instead of adopting more flexible teaching methods, which leads to the students being in a passive learning state and learning environment for a long time<sup>[2]</sup>.

### **2.2 Ack of perfect teaching management system**

From the perspective of teaching management system, the lack of perfect teaching management system in some colleges and universities will also reduce the efficiency of scientific construction of teaching management in colleges and universities. The specific manifestation of this problem is that the managers do not pay attention to the teaching management system at the stage of formulating it, so that the formulated teaching management system is not targeted. In the daily teaching management, the managers of these universities seldom or hardly carry out the corresponding work in accordance with the established teaching management system.

### **2.3 Insufficient professionalism of teaching management team**

The survey finds that the teaching management team of some colleges and universities has the problem of insufficient professionalism, which affects the achievements of scientific construction of teaching management in colleges and universities. In the teaching management team of these colleges and universities, some teaching management personnel lack rich management experience, some teaching management personnel do not have rich management professional knowledge reserve, and some teaching management personnel cannot correct their own working attitude. A series of factors lead to the lack of teaching management team with high professionalism in these colleges and universities<sup>[3]</sup>.

### **2.4 Lack of a scientific teaching quality supervision system**

Although some colleges and universities can realize the connotation value of scientific construction of college teaching management, they do not specially build a scientific teaching quality supervision system. As time goes by, these universities will find that the quality of teaching management is not monitored, so that they and teaching managers cannot grasp the current quality of teaching of various majors in the university in time, and thus cannot point out a solution to the problem in the first time.

## **3. Effective measures to strengthen the scientific teaching management in colleges and universities**

### **3.1 Innovation of teaching management concept**

The school administration and teaching management personnel of colleges and universities should innovate the concept of teaching work so that the scientific construction of teaching management in colleges and universities can be carried out in an orderly way. The school administration and teaching management personnel should deeply implement people-oriented teaching concept, so that both teachers and students can participate in the teaching management of our school to a certain extent and a new teaching management atmosphere of mutual supervision and learning can be formed in the university, teachers and students.

### **3.2 Building a professional teaching management team**

The university administration needs to make it clear that the scientific university teaching management cannot be achieved without the professional teaching management team. Based on this, the school authority needs to build a professional teaching management team so as to further improve the quality of scientific construction of college teaching management. The university needs to strengthen the training of the existing teaching management personnel, through diversified training methods such as special training lectures, relevant publicity and education activities, so that all teaching management personnel can actively participate in a series of learning activities, and then strengthen their ideals and beliefs, so that they can carry out teaching management with high ideological and moral qualities<sup>[4]</sup>.

### **3.3 Building a modern teaching quality supervision system**

The university administration also needs to build a modern teaching quality supervision system to make a new breakthrough in the scientific level of teaching management in universities. In this process, the university should expand the scope of teaching quality

supervision work from the beginning and the end of the semester to three modules at the beginning, the middle and the end of the semester, and carry out occasional spot checks while completing the teaching quality supervision work of the established modules, so that the teaching management personnel of the university can grasp the changing situation of teaching management at any time.

## **4. Thoughts and suggestions**

### **4.1 Combination of modern science and technology**

The university administration and teaching management personnel can combine the teaching management with modern science and technology to fundamentally improve the quality of scientific construction of teaching management in universities. Teaching managers can create their own teaching management system by purchasing new infrastructure, cooperating with developers and introducing new big data technology system, so that the teaching management of our university can complete information interaction in a unified system<sup>[5]</sup>.

### **4.2 Strengthening the communication with teachers and students of the whole school**

The university administration and teaching management personnel also need to strengthen communication with all students and teachers, so that our teaching management can provide better services for the majority of students and teachers. Teaching managers need to take the initiative to go deeper into the teachers and students, through the special communication activities or the establishment of special WeChat public number to publicize the latest teaching management content, and provide all kinds of consultation services for all the teachers and students.

## **Conclusion**

To sum up, the scientific construction of college teaching management is a long-term construction work, and the managers can only carry out the scientific construction of college teaching management based on the actual development situation of the university to effectively improve the quality of teaching management in the university. In this process, the managers of colleges and universities need to innovate their own thinking concepts, and make highly targeted teaching management plans while actively introduce modern science and technology, so that the scientific construction of college teaching management can have more positive influence on the development of colleges and universities.

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