

# Analysis on the Development of Higher Education Teaching Reform and the Cultivation of Teaching Achievements

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**Abstract:** Higher education is an important component of China's complete education system and an important place to cultivate high-quality talents needed by society. At present, in the context of educational reform, many new requirements have been put forward for China's higher education work. On this basis, in order to comprehensively improve the quality of higher education, it is necessary to carry out teaching reform in higher education, analyze teaching results, establish teaching needs, build a good teaching team, strengthen the combination of theory and practice, and improve the quality of education in higher education.

**Keywords:** Higher education; Teaching reform and development; Teaching achievements; Cultivation analysis

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In the context of modern education, in order to comprehensively improve the quality of higher education, it is necessary to carry out the reform and development of higher education teaching, and analyze the teaching results. On the basis of fully implementing high-quality higher education teaching work, cultivate high-quality talents needed by society and improve the level of higher education teaching.

## 1. The Connotation of Teaching Reform and Development in Higher Education

In the context of modern education, China attaches greater importance to higher education and has specially set up educational achievement awards for individuals who have made outstanding contributions in educational practice, teaching research, and other aspects. As early as 2013, the coverage of this award was expanded to include basic education and vocational education. At present, with the continuous development of China's modern economy and society, there have been many changes in the talent required by society. To carry out higher education teaching work, it is necessary to have a correct understanding of social talent needs, actively carry out education system reform and innovation, so that the teaching results of higher education can meet the needs of social talent, establish strategic goals and educational teaching methods for cultivating first-class talents, and also promote the personalized development of education and teaching. From a personalized perspective, it is required to pay attention to the real situation and needs of each student, grasp the differences in talent among different students, implement the basic principle of individualized teaching, and achieve more ideal educational and teaching outcomes.

## 2. Development of Higher Education Teaching Reform and Methods of Cultivating Teaching Achievements

The reform of higher education is an adjustment and transformation aimed at various links and factors in China's higher education institutions, including but not limited to the proportion of subjects, hierarchical structure, enrollment distribution, management system, supervision system, teaching arrangements and educational policies.

### 2.1 Building a composite high-quality teaching team

Teachers are the main force in carrying out educational and teaching work. In order to achieve the goal of high-quality education, the reform and development of higher education requires a focus on building a strong teaching team. At present, the reform of higher education teaching focuses on the issue of distribution, and the National Education Commission is studying specific measures to enrich the teaching staff. In practice, we can approach from the following three perspectives.

Firstly, optimize the construction of the teaching staff in higher education, improve the diversity of the composition of the teaching

staff, and reasonably arrange the proportion of young and middle-aged teachers in higher education to avoid the problem of a single teacher structure in higher education.

Secondly, do a good job in building a "dual teacher" teaching team in higher education. To carry out higher education teaching work, it is not only necessary to explain professional theoretical knowledge, but also to do a good job in students' practical guidance.

## **2.2 Clarify demand orientation**

In the context of modern education, higher education, as an important component of China's complete education system, carries out educational and teaching work, and its fundamental task is to provide high-quality talents for social development. Therefore, the key lies in clarifying the demand orientation in education and teaching, so that educational achievements can play a role and value in promoting industry development, construction, and optimization, especially focusing on some key areas, grasping urgent problems, and ensuring the effective implementation of development goals.

Taking Zhejiang University as an example to carry out higher education reform work. In practice, based on the current development needs of the energy and electromechanical engineering fields in China, we have sorted out our own professional characteristics, created efficient education and teaching models, and built a sound and complete innovation experimental base. By organizing various practical experimental activities, the cultivation of innovative talents required by society and the industry has been objectively promoted. In addition, in order to carry out educational and teaching work in higher education, it is necessary to clarify the demand orientation, and also to analyze and control the actual development of industries and industries. It is necessary to focus on high-level professional technical personnel, organize training work, and achieve the goal of ideal talent construction.

Taking the reform of higher education at Fujian Agricultural University in China as an example. In practice, Fujian Agricultural University focuses on rural areas and analyzes the current practical development and construction needs, forming a new teaching method of public and private assistance, and creating a tea school with local characteristics. In this way, it is more conducive to establishing a connection between the school and local enterprises. This enables schools to organize targeted training activities based on the actual needs of enterprises and local industrial development, in order to output a large number of high-quality technical talents for local rural development and urban-rural integration construction.

By carrying out higher education reform, a clear demand orientation has been provided for the implementation of higher education work. Including Zhejiang University, Fujian Agricultural University, and others, they have formed a demand orientation that suits their own needs, created unique talent cultivation models, and promoted the cultivation and development of educational achievements.

## **2.3 Highlight practical teaching reform**

To carry out teaching work in higher education, it is not only necessary to provide professional theoretical knowledge output and explanation, but also to pay more attention to students' practical abilities, so that after mastering theoretical knowledge, students can apply it to solve practical problems, and truly improve their technical level and business literacy, becoming high-quality talents required for the development of today's society and industry. At present, practical activities have also become an important indicator for measuring the achievements of higher education and play a very important role in improving students' social competitiveness. On this basis, higher education needs to conduct practical tests on the achievements made in educational and teaching work, innovate the theory, and summarize the experience. In addition, grasp key evidence, collect and organize it, in order to improve the quality of declaration results and create favorable conditions.

Taking the education and teaching reform of Fudan University in China as an example. In practice, a new model of physics demonstration experiment teaching with students as the main body has been established. Through the construction of the new model, the shortcomings of the traditional model have been analyzed and reflected. Under the emphasis on exploratory and developmental demonstration experimental carriers, the topic has become more autonomous and a large number of high-quality talents with innovative abilities have been cultivated.

Through the reform of higher education, it has objectively promoted the reform of practical teaching in higher education, integrated the theoretical and practical aspects of higher education, and promoted the analysis of teaching cost cultivation.

## **3. Conclusion**

In summary, higher education is an important component of China's complete education system and of great significance. In the context of modern economy and society, there are also many new requirements for carrying out education and teaching work. On this basis, it is necessary to focus on the reform of higher education teaching, analyze the results of higher education teaching, comprehensively improve the quality of higher education teaching, and achieve the goal of high-quality education in higher education.

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