



Research on the problems and countermeasures of education and teaching management in higher vocational colleges

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Abstract. In view of the current situation of education and teaching management in higher vocational colleges, such as backward management concept, management level and management team to be improved, and unreasonable education and teaching evaluation, this paper proposes to improve the student-oriented education and teaching management concept, optimize personnel training programs, strengthen Education and teaching management team building, improvement of education and teaching quality evaluation system, construction of education and teaching management platform, etc. to improve the level of education and teaching management, improve the quality of talent training, and cultivate high-quality skilled talents for the society. It is expected to have a certain reference effect on improving the level of education and teaching management in higher vocational colleges and improving the quality of personnel training.

Keywords: higher vocational colleges; skilled talents; teaching management; talent training quality; education and teaching evaluation

1 Introduction

As my country has entered a new stage of development, industrial upgrading and economic structure adjustment have accelerated, the needs of all walks of life for technical and skillful talents are becoming more and more urgent, and the status and role of vocational education are becoming more and more prominent. In order to further organize vocational education, implement the vocational education law, and accelerate the progress of the training of technical and skillful talents, in January 2019, the State Council issued the "Implementation Plan for the Reform of Vocational Education in Vocational Education". "Special Work Implementation Plan", in September 2020, the Ministry of Education and other nine departments issued documents and

other documents such as the "Vocational Education Quality Pei Youyou Action Plan (2020-2023)".

In recent years, with the sustainable and healthy development of higher vocational education in my country, higher vocational colleges have trained a large number of talents with professional theoretical knowledge and high -skilled talents for the society, and higher vocational education has attracted more and more attention [1].

The "State Council's Decision on Accelerating the Development of Modern Vocational Education", "adheres to the fundamental purpose of establishing the people, the purpose of serving the development, and the guidance of employment, adapting to technological progress and production methods, and the needs of social public services [2].

The core competitiveness of higher vocational colleges is mainly reflected in the quality of graduates, and the two key factors that affect the quality of graduates of higher vocational colleges are teaching quality and the level of education and teaching management. The level of education and teaching management of higher vocational colleges has a decisive impact on the quality of teaching in higher vocational education, and the quality of education and teaching of higher vocational colleges on the training of students has a decisive impact. Therefore, the level of education and teaching management of higher vocational education has important The role [3].

Education and teaching management is an important task in the development of higher vocational colleges. It has certain complexity, systemicity, and comprehensiveness. It is a more severe challenge for higher vocational colleges, especially in the background of the new era. With the worsening of the educational tasks of higher vocational colleges, the scale, and the continuous expansion of students, the school faces severe challenges in education and teaching management, and there have been many problems that need to be solved [4].

With the rapid development of higher vocational colleges, the traditional teaching management model is obviously difficult to meet the actual requirements, such as backward education and teaching concepts, incomplete education and teaching management models, and unreasonable education and teaching evaluation. Actively explore feasible measures to promote the healthy development of higher vocational colleges [5].

This article briefly analyzes the current status of education and management in higher vocational colleges, and proposes countermeasures to promote education and teaching management, with a view to the improvement of the quality of talent support for higher vocational colleges.

2 Analysis of the current status of education and teaching management in higher vocational colleges

The change of education background, the development of the times, and the management methods of higher vocational education and teaching also need to keep pace with the times. An important principle of modern education is to grasp the concept of macro education [6]. In order to comprehensively implement the "National Vocation-

al Education Reform Implementation Plan" and the "expansion of 1 million people across the country", high vocational colleges have successively implemented the expansion, which has led to the type and number of the overall students of higher vocational colleges. Obviously expanded. However, at the same time, the current education and teaching management of higher vocational colleges has not really achieved science, and some higher vocational colleges even have chaotic campus order.

2.1 Education and teaching management concept backward

There are certain differences in the education of education and general undergraduate colleges in higher vocational colleges. The talent training of higher vocational colleges is more directed. The importance of practice [7]. However, during the implementation of talent training in higher vocational colleges, it still copies the traditional education and teaching model, mainly based on theoretical knowledge, supplemented by practical knowledge. This kind of education and teaching management is too superficial and single, not only the problem of backward education and teaching concepts, but also talent training cannot meet the needs of social development.

2.2 The structure of students is complicated and the engineering contradictions are prominent.

The survey found that in the context of expansion, the types of students in higher vocational colleges have secondary vocational vocational schools, retired soldiers, laid -off unemployed people, new professional farmers, etc., showing the characteristics of complex sources and outstanding engineering contradictions. However, traditional talent training plans have not been formulated in the background of expansion. Instead, they are the same as those of students of students. They are not conducive to the implementation of the implementation of teaching and layered training according to their aptitude, which is not conducive to the diversity of talent training. Therefore, in the case of complex structures, talent training plans need to be optimized urgently.

2.3 The scale of enrollment has expanded rapidly, and the management level and the management team have not improved simultaneously

The quality of education and teaching in vocational colleges has a decisive impact on talent cultivation, and the level of education and teaching management in vocational colleges also has a decisive impact on the quality of education and teaching. Therefore, the level of education and teaching management in vocational colleges plays an important role in talent cultivation. In order to effectively implement the national strategic deployment of "expanding enrollment in higher vocational education", various higher vocational colleges have actively responded and the enrollment scale has increased dramatically year after year. However, the corresponding teacher team construction, education and teaching management team construction, and school public resources have not been reformed and innovated synchronously, which seriously af-

fects the teaching order and operation of the school, and thus affects the teaching quality of the school and the quality of graduates.

2.4 There are situations with unreasonable education and teaching evaluation in education and teaching management in higher vocational colleges

A reasonable educational and teaching quality evaluation system helps teachers and teaching managers in time to find their own teaching methods and lack of education and teaching management and improve them. When the problem appears, it can be handled and handled in a timely manner. Education and teaching quality evaluation system is an important information feedback on the work of teachers, teaching managers and students. It is discovered that their own shortcomings have been continuously improved.

The reasonable education and education evaluation system is conducive to feedback teaching methods and the effectiveness of education and teaching management, and it is of great significance for improving the quality of talent training and serving the social and economic development of the social and economic development. However, the education and teaching management of higher vocational colleges generally exist in the problem of unreasonable education and teaching evaluation. It is not conducive to the healthy and orderly development of higher vocational colleges.

3 Promote the countermeasures of education and teaching management in higher vocational colleges

As an important part of the development of the education industry, higher vocational colleges and universities transport a large number of skill talents to the society. In the process of talent training, the education and teaching management of higher vocational colleges has an important impact. Therefore, how to improve the quality of school - running schools in higher vocational colleges is the top priority of the development of higher vocational education, and effective and reasonable education and teaching management is also the key to improving the effectiveness of school running.

3.1 Change your mind and improve the student -oriented education and teaching management concept

Skills are the key to talent. Skills talents are an important part of the talent team of our country and an important promoter to promote national economic transformation. The rapid development of socio -economic development and the adjustment of industrial structure requires a large number of skill talents to implement. As an important place for cultivating skill -based talents, higher vocational colleges have the responsibility of righteousness. However, the serious shortage of skill talents and the difficulty of employment of graduates from higher vocational colleges show that the traditional talent training links of higher vocational colleges cannot meet the needs of socio -

economic development. Therefore, first of all, higher vocational colleges must change their minds and take student training. They must pay attention to the learning of theoretical knowledge, strengthen the cultivation of practical ability, and establish a new concept of paying attention to the training of skill-type talents.

Secondly, it is necessary to break the prejudice against vocational schools, fully attach importance to the significance of vocational education development, guide the majority of young people to establish an employment outlook on "skills to go to the world", vigorously implement vocational education, and let young people with a skill shine in their fields.

Again, as a strong country in the new era, the training and employment of skill-type talents should also be included in the assessment system of government departments. The government, schools and industry areas should form a good atmosphere of advocating technology, and effectively improve the treatment and social status of skill-type talents. Encourage and attract schools, industries, and enterprises to actively participate in the process of talent training, and explore the road of skill talent training in new education and teaching models.

3.2 Based on the characteristics of the student's source, optimize the planning plan, and implement comprehensive educating people

In response to the characteristics of complex sources in the background of the expansion, the types of students with complex sources, diversified types of students, and outstanding engineering contradictions, higher vocational colleges have in-depth students' growth background, employment experience, learning foundation, age stage, cognitive characteristics, development vision, etc. The survey will classify the results of the investigation according to the good theoretical learning foundation, strong post practice skills, and strong willingness to start their own business. Adhere to the principles of "standards for standards, diverse models, and flexible academic systems", and formulate targeted, adaptable, effective, and flexible talent training programs in accordance with the training goals, training specifications, and combining the actual situation of the school. Reasonably set up modular courses.

From the perspective of studying and investigation, those who have a good learning foundation are based on the training of on-the-job skills, and stronger job skills are mainly based on theoretical learning. Essence Follow the combination of on-the-job training and school training, combine concentration and decentralization, and adopt online and offline, on-site lectures, network questions, special lectures, teaching discussions, and other methods. The number of compulsory credits and the number of elective credits is stipulated, and the identification, accumulation and conversion of learning results are provided in an orderly manner. Adhere to the equal emphasis on the teaching and practice teaching of classroom theory, implement comprehensive education, and serve social and economic development.

3.3 Strengthen the construction of education and teaching management teams, improve the level of education and teaching management

In the context of the expansion of higher vocational enrollment, the scale of the school's enrollment has grown sharply, but the corresponding education and teaching management team has not been effectively improved, which seriously affects the operation of education and teaching in higher vocational colleges, and then affects the quality of talent training. Therefore, it is necessary to strengthen the construction of education and teaching management teams in higher vocational colleges. In order to further improve the quality of teaching management, standardize the process of teaching management, and improve the level of teaching management, first of all, higher vocational colleges should combine the "strengthening the construction of education and teaching management teams" with "standardization of the regular management process of education and teaching" to further strengthen education and teaching management. The status and role of the team attracts more talents to join the ranks of education and teaching management. Secondly, higher vocational colleges should accelerate the construction of education and teaching management teams. On the one hand, in combination with the actual situation of higher vocational colleges, high-level talents in education and teaching management are introduced to inject fresh blood into education and teaching management teams, and for teaching management Work provides new motivations and continuously improves the structure of existing teaching management teams. On the other hand, the school has been publicly selected in the post of education and teaching management as an experienced person with experience and experienced personnel. It encourages long-term teaching and research first-tier teachers to join the ranks of education and teaching management. The talents of teaching and research capabilities are enriched. Third, strengthen education and teaching management training, normalize management training, further optimize education and teaching management, and strive to build an educational and teaching management team that understands the basic theory of education and teaching management and is good at pioneering and innovative, and cultivating more innovative types for schools to cultivate more innovative types, Skills talent service.

3.4 Improve the education and teaching quality evaluation system and improve the quality of talent training

The core of higher vocational colleges is to cultivate a large number of skilled talents for social and economic development, and the evaluation of education and teaching quality of higher vocational colleges has an important impact on talent training. Therefore, it is necessary to improve the education and teaching quality evaluation system, so that the evaluation is reasonable and scientific, and improve the quality of talent training.

First, improve the teacher teaching quality evaluation indicators. Teachers are the main part of education and teaching in colleges and universities. The level of teaching is a key factor affecting the level of education and teaching in schools. Therefore, it is necessary to improve the teacher's teaching quality evaluation indicators. From the

teachers' professional quality, teaching content, teaching methods, teaching attitude and other indicators Reasonably evaluate the quality of education and teaching of teachers, and promote the improvement of teachers' education and teaching level.

Secondly, refine students' learning evaluation indicators. The quality of graduates is the quality of talent training. Students' learning evaluation indicators are closely related to the quality of talent training. Therefore, students must be refined to study evaluation indicators. From the aspects of students' theoretical knowledge, practical skills, and personal quality, on the basis of considering theoretical knowledge and personal quality, they can strengthen the cultivation of practical skills and transport high quality to the society. Skills talent.

Third, standardize the evaluation indicators of education and teaching. A standardized school management system can promote the improvement of the quality of education and teaching; scientific evaluation methods can promote the reform of the quality of education and teaching; a reasonable school -running concept is conducive to the rapid advancement of school education and teaching work. Therefore, standardized, reasonable, and scientific education and teaching evaluation indicators are essential for the development of high vocational colleges. On the one hand, the school's education and teaching management evaluation indicators can be evaluated from the school's management level, evaluation methods, and development prospects. On the other hand, schools can also introduce a third -party evaluation system. Standardized, reasonable, and scientific evaluation of the school's education and teaching management work, find shortcomings, make up for the lack of missions in time, and promote school development.

3.5 Build an educational and teaching management platform and promote the integration of teaching and management

Building an education and teaching management platform and promoting the integration of education and management is an urgent need for vocational colleges in the new era to implement the fundamental task of "cultivating morality and nurturing talents". Through the construction of education and teaching management platforms, big data methods and new management models are fully utilized to achieve precise education, management, and service for students, and efforts are made to improve the overall effectiveness of education. To systematically plan, optimize algorithms, refine solutions, and take the key and difficult issues in education and teaching management as a breakthrough point in the information environment, form a team, discuss solutions, and promote the reform of education and teaching management models; We need to break down barriers and actively build a "three comprehensive education" pattern. The construction of an education and teaching management platform is a systematic project that requires full mobilization of multiple resources and orderly promotion. It is necessary to build a platform system with integrated teaching and management characteristics, achieve joint construction and sharing of education and teaching management work in provincial vocational colleges, and help cultivate skilled talents.

4 Conclusion

The core of higher vocational colleges is to cultivate high-quality skilled talents, and the quality of education and teaching directly determines the quality of the training quality of skill talents. Education and teaching managers of higher vocational colleges, as the subject and executor of teaching management, not only directly affect the level of teaching management, but also indirectly affect the quality of teaching. Therefore, we must carefully study and grasp the characteristics and laws of education and management in higher vocational colleges under the new situation, implement students-oriented education and teaching management concepts, optimize people's training programs, strengthen the construction of education and teaching management teams, improve the evaluation of the quality of education and teaching quality. The system and the construction of education and teaching management platforms, thereby improving the level of education and teaching management of higher vocational colleges and the quality of education and teaching, and cultivating a large number of outstanding skill talents for social development.

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References

1. Su Zhili. Thinking about the current status of education and teaching management in higher vocational colleges [J], Tianjin Vocational College Journal, 2019, 21 (7): 9-12.
2. Sun Yumin. Strengthen the analysis of education and teaching management in higher vocational colleges [J], Journal of Shijiazhuang Vocational and Technical College, 2015, 27 (5): 63-65.
3. Ge Sitong. Application research in the management of new media in high vocational education teaching [J], Shaanxi Youth Vocational College Studies Report, 2022, 1: 41-44.
4. Wu Najin. Under the background of artificial intelligence, education and teaching management of higher vocational colleges [J], Hubei Open Vocational College Journal, 2022, 35 (1): 36-38.
5. Bai Jie. Explore the refined management in the management of higher vocational education teaching, academy [J], 2020, 2: 72-73.
6. Li Longzi. Analyze the management methods of higher vocational education teaching in macro education concepts [J], modern vocational education, 2017, 7: 62-63.
7. Xu Zhijuan. Innovation analysis of higher vocational education teaching management and teaching methods [J], scientific consultation, 2021, 47: 14-15.

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