Strategies for the Organic Integration of the Construction of Student Associations and Professional Practice in Applied Technology-Based Universities

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Abstract: With the transformation and upgrading of China's economy and industry, China's higher education and teaching reform continues to deepen. In this process, the organic combination of student club activities and professional practice can not only play the educational function of student clubs, but also provide students with professional learning. Effective help. The purpose of this article is to use the methods and strategies of organic integration of college community construction and professional practice based on the continuous in-depth reform of the current applied technology colleges. This article organically integrates the application of technology-based college student community construction with professional practice, strengthens the cultivation of core literacy, professional culture construction, and achieves core construction goals such as practical education. After analyzing the main characteristics of the construction of college associations and professional practice and the relationship with related concepts, the emphasis is on the connection and difference between the concept of college student association construction and the professional practice of college students. The professional practice of college students is a process of community construction involving the main elements, activity elements, content elements and environmental elements. In this process, various elements interact and influence each other. The experimental research results indicate that the school should carry out overall planning and establish some student associations with key professional characteristics of technology application. It also allows students to broaden their horizons and learn scientific research methods in the process of practice and research, and accumulate practical experience to increase students' participation in the construction of professional courses.

1. Introduction

The construction of college student associations and the integration of professional practice should be planned from the perspective of the entire school, and corresponding documents and rules and regulations should be issued at the school level so that there are rules to follow and rules to follow [1]. For example, the size of the community, the source of funds, the number of activities, the access mechanism of members, the management method of the lecturer, the method of determining the workload of the lecturer, the method of transforming technical achievements, the guidance of school-enterprise cooperation, the management method of the use of community funds, and the organization construction Plan [2]. Schools should also include community building in their professional planning, such as establishing a corresponding professional association in key majors of the school or in the future. As an important position of professional practical education, community construction should play an active role in practical education [3].

In the process of formulating applied technology talent training plans, applied technology universities usually highlight practical links, increase the proportion of practical related courses, and strive to form an atmosphere of practical education throughout the teaching activities. In the process of practical design, it is necessary to highlight the leading position of students, enhance their subjective awareness, allow students to actively participate in professional community activities,

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and enhance the initiative of knowledge acquisition in practice [4-5]. Some problems encountered by students in the process of practice will also promote students' learning of theoretical knowledge, so as to combine theory with practice [6]. The establishment of professional student associations should conform to the procedures and standards for establishing student associations. Related activities should be carried out under the leadership of the school. Give full play to the effective role of the professional teaching and research department and the second-level college student league committee in guiding and managing the daily activities of the association, so that the activities can be carried out in a targeted manner [7]. The activities carried out should be planned and innovative, and the content of the activities should be related to the school's professional practice teaching or theoretical teaching, and the two should be able to complement each other [8].

The cultivation of applied technical talents is guided by the needs of social vocational ability, and the main line is the cultivation of technical ability to maximize the connection between teaching content and professional level. After careful analysis, the requirements for the direction of professional technical ability training were clarified, the positioning of professional talent training goals was determined, and the training of talents was positioned as the training of design engineering practice ability and manufacturing engineering practice ability. Taking typical mechanical product processing as an example, the application technology major is in the construction of practical teaching curriculum system, practical teaching conditions, and teaching staff [9]. Exploring and practicing in teaching improvement and other aspects. The effect of actual courses focuses on the training goals of applied talents. The laboratory plays an important role in the teaching process. The scientific research and practical ability of young teachers has been greatly improved. Students actively participate in scientific and technological innovation activities. The engineering practice ability and innovation ability continue to improve, and the teaching effect of practical courses continues to increase [10].

2. Method

2.1 Build a Platform for Community Practice and Professional Practice

Strengthen the construction of professional innovation and entrepreneurship practice platforms and community practice platforms for applied technology universities to achieve the cultivation of innovative and entrepreneurial talents. By adopting the whole process, all-round, point-to-point, and one-to-one education of innovation and entrepreneurship, realize applied technology universities The goal of professional talent training is to train applied technology-based innovative and entrepreneurial talents in practice. In view of the characteristics of professional courses in applied technology-based universities, it is necessary to consider its unique engineering thinking, and the combination of basic, professional, practical courses and innovation and entrepreneurship education should be solved in the curriculum setting and second classroom, so as to popularize innovation On the basis of entrepreneurial awareness education, through tutorial system guidance and project practice. The professional construction of applied technology-oriented universities pays attention to long-term, orderly, and standardized, setting up each course leader, formulating construction standards, and carrying out comprehensive curriculum construction.

2.2 Improve the Combination of Community Management and Professional Practice Capabilities

College student associations generally have a president or president as the head of the association, and there are departments such as the Propaganda Department, External Relations Department, Finance Department, and Planning Department. The organization settings are often the same. Under the direction of professional transformation and development and cultivating students' application innovation ability, consider combining professional practice with clubs and extending part of the practical teaching activities to club activities. From the needs of professional ability training, training, to event planning, organization and implementation, the organization and management institutions of the community are set up to match the application ability training. The

level of professional practice is the most important integration point for the activities of professional associations of college students. Especially for local applied undergraduate colleges and universities, after the professional transformation and development, the associations are reformed accordingly, and the organization of corresponding professional activities can effectively make up for the shortcomings of practical teaching in many aspects. It provides a new practice place for the cultivation of innovative talents. At the level of quality development and innovation, college student associations can carry out a series of activities in various forms to provide a good platform for professional comprehensive quality ability, innovation and entrepreneurship ability and self-learning ability training.

2.3 Strengthen the Scientific Research and Practical Ability of Educators

The research on the construction of the teaching staff of China University of Applied Sciences can be roughly divided into two aspects: local practice exploration and overseas experience reference. In the dimension of local practice exploration, the researchers explored the construction of the teaching team according to the idea of "probing questions, analyzing the reasons, and exploring countermeasures". In the dimension of drawing on foreign experience, the researchers explored the construction of the faculty team based on the idea of "adjusting measures to local conditions, drawing on foreign experience, and comprehensively reflecting on". In order to establish a high-level teaching team, we must first understand what a teacher is and establish a teacher qualification certificate system. In the teacher training of the University of Applied Technology, the training of doctoral level teachers is the key to the development of the University of Applied Technology. Doctoral teachers should be trained into higher vocational teachers with unique characteristics of vocational education, and they should be trained to become excellent high-level teachers with good academic research and technical capabilities, professional knowledge and teaching capabilities. Practice and other courses are organically integrated to form a complete course system.

3. Experiment

3.1 Experimental Research Objects

In order to have a more in-depth understanding of the current application of technical college students' community building and professional practice mailing fusion strategy method research, this article selects the industrial university, which is an industrial university built for the main purpose of application technology, and selects the university's computer major The 80 students of"are the subjects of experimental research. They understand the current situation of students participating in clubs. After a week of investigation and research, they will be surveyed in the form of questionnaires to understand the current situation of club construction and professional experimental research in applied technology universities. The current problems in the organic integration of community building and professional practice. This research is aimed at the sophomore students of the technical university for investigation and research.

3.2 Experimental Research Design

This survey is aimed at the visit and survey link, and selectively distributed 80 experimental questionnaires to the students of the industrial university, and respectively compiled experimental questionnaires on the construction of school associations and professional practice skills. A total of 80 questionnaires were distributed, 79 valid questionnaires were recovered, and the recovery rate was 98.75%. Secondly, understand the status quo of the professional construction and function of college students from the perspective of the ideological work of the university, objectively analyze its existing problems, explore the causes of the problems, and draw on the useful experience of the development of Chinese associations in modern times and the construction and function of foreign associations. Relevant research in the aspect of exertion puts forward the countermeasures to strengthen the construction and function of college student associations in the perspective of

ideological work in colleges and universities.

Table 1. Questionnaire statistics

	valid question	Missing questionnaire	Total
Questionnaire	79	1	80
	Percentage of valid questionnaires	Proportion of missing questionnaires	
	98.75%	1.25%	

4. Results

4.1 Experimental Investigation Results

Table 2. Investigation status of community self-construction

Responsibility of community leaders	Very strong	General	Basically irresponsible
	63.8%	21.3%	14.9%
Guidance of universities to associations	Stronger	Strong	weak
	82.7%	13.3%	4%
Communication and learning between clubs	Often	Occasionally	No
	72.15%	11.23%	16.62%

It can be seen from Table 2 that there is still a gap between learning exchanges between clubs and the same school. 72.15% of those who frequently exchange and learn, while those who do not exchange and learn also account for 16.62%. In addition, Table 1 As shown in, here is a problem. Colleges and universities have not included the construction of the system of associations within the scope of supervision, so that they will not be able to play a good guiding role for associations. During the investigation, I also learned that some clubs have been established for a long time, with a large number of members, rich activities, and their own unique culture. In these clubs, college students not only grow rapidly, but also gradually find their own positioning for the future Lay a good foundation. However, these good community groups cannot effectively deal with the management departments of universities, lack of certain communication and exchanges, and universities cannot grasp the dynamics of community construction in time.

At the same time, the college league committee has a preliminary understanding of the ideological and political education, student management, and campus culture construction of college student clubs, but instead only pays attention to the performance of these functions, pays attention to expanding the practical functions of the clubs, and pays attention to the university clubs. The importance of ideological and political education has not been placed in an important position of ideological work in colleges and universities. Before the party regards ideological work as an extremely important task, the Youth League Committee should promptly allocate corresponding managers to the college student associations to guide the socialist core values, and conduct regular supervision and spot checks. The reality is that the Youth League Committee of the school has not kept pace with the times in this regard, and there is a certain degree of lag.

As shown in Figure 1, according to the survey on the self-evaluation of college students' professional innovation and practical ability, as shown in the figure below, only about 56.88% of students think their innovative practical ability is very good, and about 21.30% of students think their innovative practical ability is average However, about 6% and 3% of students still think that their professional innovation and practice ability is poor and poor. This shows that the current college students' innovative and practical ability is not optimistic. It can be seen from the number of college students participating in professional innovation practice activities during the school period that 53% of students have only participated once or twice, and 9% of students have not yet participated, which shows that college students are currently practicing their own professional innovation. Insufficient emphasis on ability, too much emphasis on the learning of professional knowledge, and lack of awareness of innovative thinking and professional innovative practice.

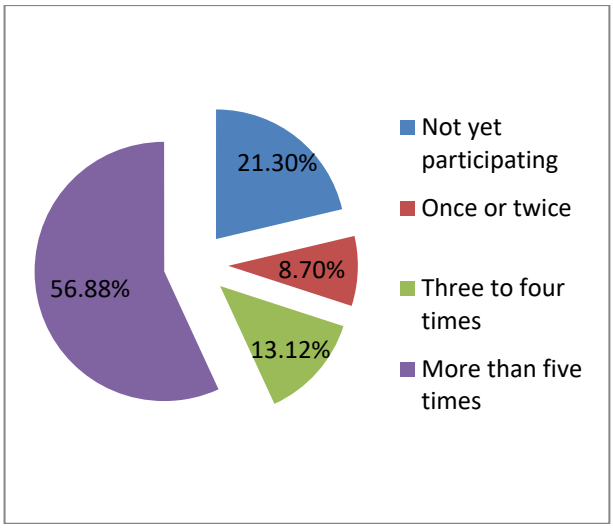

Figure 1. Survey statistics of the number of students participating in professional practice

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4.2 Coordinating the Integrated Development of Community Construction and Professional Practice

The Professional and Technical Student Association is different from other associations. By cooperating with the professional courses of applied universities, it will make it easier for students to master and digest professional knowledge, and provide a good practice platform for students to "seamlessly connect" from school to society. Only by recognizing the important role of the Professional and Technical Student Association in improving students' comprehensive ability and professional construction can the school provide policy support and related activity funds for the development of the Professional and Technical Student Association. The lecturer is the head of the professional and technical student association, but due to the limited understanding, ability and energy of the teacher, more professional teachers are needed to invest in the construction of the association. Young teachers can serve as lecturers of the association, responsible for daily organization and management; professional leaders with strong scientific research and practical capabilities can be used as instructors to guide the development of the association; teachers of various professions can serve as technical consultants and use their own Professional knowledge is responsible for the training and guidance of corresponding content. The key to strengthening the teaching staff is to have support and incentive policies. On the basis of the association's reward system, schools can incorporate teachers' guidance work into the scope of workload and evaluation. Therefore, management should not be independently guided by the university youth league committee like other associations, but should be incorporated into the management system of professional departments.

5. Conclusion

Colleges and universities should incorporate the construction of student unions into the training plan of applied technology talents. The goal of training talents also needs to develop local talents

based on the advantages of the region. The activities of the Student Union have played a good role in better serving the local economic development. Some applied universities have only completed the first stage of transformation, and the talent training plan has not been scientifically evaluated and formulated. Applied technology universities should strive to do a good job in cultivating technical talents and reasonably set the development goals of student associations. Schools should also include community building in their professional planning, such as establishing a corresponding professional association in key majors of the school or in the future. As an important position of professional practical education, community construction should play an active role in practical education. At the same time, mass organizations can also be regarded as the main position of teachers' teaching and research, which not only enables teachers to find suitable helpers, but also enables students to broaden their horizons, learn scientific research methods, and accumulate practical experience. Practice and research process. Establish a community activity quality evaluation index system, establish activity quality standards based on core literacy and professional quality training, clarify the degree requirements that students should meet after completing professional activities for different majors, and combine theoretical content, practical content and quality requirements to learn regular tracking and Evaluate the construction of the association's activities and give regular recognition and rewards.

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