

# Discussion on the Integration Path of Professional Education and Entrepreneurship Education in Higher Vocational Colleges

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**Abstract:** Starting from discussing the importance of professional education and innovation and entrepreneurship education, this paper analyzes the current situation of the integration of professional education and innovation and entrepreneurship education in higher vocational colleges. Taking Wenzhou Polytechnic-Intelligent Control Technology as an example, it puts forward the Discussion on the construction of the integration path of education and innovation and entrepreneurship education.

**Keywords:** Entrepreneurship Education; Integration.

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## 1. Introduction

The General Office of the State Council issued the "Guiding Opinions on Further Supporting College Students' Innovation and Entrepreneurship" (Guo Ban Fa [2021] No. 35), which clearly pointed out that the in-depth promotion of mass entrepreneurship and innovation is an important support for the in-depth implementation of the innovation-driven development strategy. College students are the key to mass entrepreneurship. It is of great significance to support college students' innovation and entrepreneurship as a new force of innovation. Comprehensively implement the party's education policy, implement the fundamental task of cultivating people by virtue, based on the new development stage, implement the new development concept, build a new development pattern, insist on innovation leading entrepreneurship, entrepreneurship drives employment, support college students to improve their innovation and entrepreneurship capabilities, and support colleges and universities Graduates start their own businesses and get employed, improve the quality of human resources, promote the all-round development of college students, and achieve more full and higher-quality employment for college students. Therefore, higher vocational colleges need to make long-term plans for teaching reform, establish a new talent training model oriented by innovation and entrepreneurship, integrate innovation and entrepreneurship education into the talent training plan, and consolidate professional education while constantly innovating and optimizing talent training [1]. The plan is to find the combination of professional education and innovation and entrepreneurship education, explore the implementation path of professional education and innovation and entrepreneurship education in higher vocational colleges, and optimize and promote the cultivation of high-quality skilled talents in higher vocational colleges.

## 2. The Importance of Integration of Professional Education and Entrepreneurship Education

(1) The integration of professional education and entrepreneurship education is the development trend of higher vocational education

The "Decision of the Central Committee of the Communist Party of China and the State Council on Deepening Educational Reform and Comprehensively Promoting Quality Education" pointed out that higher vocational colleges should strengthen students' entrepreneurial awareness and cultivate students' entrepreneurial ability and entrepreneurial spirit on the basis of professional education. The core content of quality education. Professional education is the foundation of innovation and entrepreneurship education. Only by consolidating professional education can innovation and entrepreneurship education have a foothold; innovation and entrepreneurship education can point out the direction for the development of professional education and strengthen innovation and entrepreneurship education so that professional education can meet the needs of economic and social development. Higher vocational education has gradually changed from pure knowledge imparting to ability training, and cultivating students' practical ability and innovation ability has become the main task of higher education. The organic integration of professional education and innovation and entrepreneurship education can fully strengthen the practicality of innovation and entrepreneurship education, and can also improve the quality of professional practice teaching. The integration of the two is the development trend of modern higher vocational education [2].

(2) The integration of professional education and entrepreneurship education can enhance students' competitiveness

Integrating entrepreneurship education into professional education is deeply in line with the demand for talents in socialist modernization. Continuously integrating innovative spirit and entrepreneurship education into professional education and teaching can make professional education deepen and become more specific. The core of innovation and entrepreneurship education is practice, which allows students to learn professional knowledge in practice, exercise practical ability, and improve problem-solving ability. Through practice, students can understand what they have learned more deeply, and better apply knowledge to practice. In order to improve practical ability. The integration of professional education and innovation and entrepreneurship education can improve the comprehensive quality of students. Students learn how to analyze problems, solve problems and meet

challenges in innovation and entrepreneurship education, and these abilities can play a role in the professional field. Entrepreneurship education can not only cultivate students' communicative ability, but also strengthen students' sense of teamwork, and then form a sense of innovation. Therefore, integrating innovation and entrepreneurship education into professional education can greatly enhance students' comprehensive competitiveness.

(3) The integration of professional education and entrepreneurship education can improve the sustainable development ability of higher vocational colleges

With the comprehensive construction of a socialist modernized country and the new stage of marching towards the second centenary goal, my country's demand for various high-quality talents continues unabated. The requirements are getting higher and higher, which requires students not only to have excellent professional knowledge and skilled skills, but also to have a pioneering spirit and innovative and entrepreneurial spirit. Incorporating innovation and entrepreneurship education into professional education can provide students with a more practical training environment, increase their practical experience, improve students' comprehensive quality and competitiveness [3], and then improve the quality of talent training in schools. The integration of professional education and innovation and entrepreneurship education can also promote school education reform. Incorporating innovation and entrepreneurship education into professional education can promote the renewal and upgrading of teaching content, promote the innovation of teaching methods, and promote educational reform. Continuously exploring the organic integration of innovation and entrepreneurship education and professional education in practice can also promote the continuous development of schools to a higher level. The high-skilled talents educated under the integration of professional education and innovation and entrepreneurship education can adapt to the increasingly fierce employment competition and improve the ability to cultivate talents, so as to realize the sustainable development of higher vocational colleges.

### **3. The Current Situation of the Integration of Professional Education and Entrepreneurship Education in Higher Vocational Colleges**

(1) Insufficient understanding of the integration of professional education and entrepreneurship education.

The traditional concept holds that vocational colleges are mainly to train front-line technical and technical talents for enterprises, and adopt an employment-oriented talent training model. Students achieve employment through cooperation with enterprises and on-the-job internships [4]. Therefore, innovation and entrepreneurship education does not play a substantive role in the entire process of personnel training. In most vocational colleges, innovation and entrepreneurship education usually only includes some innovation and entrepreneurship guidance courses and some simple entrepreneurial practices, and is not related to professional education. There is no integration and its coverage is very limited and does not reach all students.

(2) The curriculum system for the integration of professional education and entrepreneurship education is not

perfect.

In response to the policy of "mass entrepreneurship and innovation" by the State Council and governments at all levels, higher vocational colleges around the world have set up entrepreneurship colleges and other institutions, but the teaching content of innovation and entrepreneurship education has not formed a system, and entrepreneurship education basically belongs to the second classroom. Moreover, the departments in charge of innovation and entrepreneurship are not the teaching departments, nor are they integrated with professional education. In most vocational colleges, innovation and entrepreneurship education is only used as a part of career planning or employment guidance for college students, and neither the quality of courses nor the number of class hours can meet the needs of students. In addition, the lack of systematization and rigor of innovation and entrepreneurship courses directly leads to the lack of integration with professional teaching, and only stays at the stage of theoretical teaching and case introduction, which are two parallel lines with professional education, making innovation and entrepreneurship education a ship without a destination.

(3) Teachers' entrepreneurship education teaching ability is not strong.

Teachers are the leading force of innovation and entrepreneurship education in higher vocational colleges, and they are also the implementers of innovation and entrepreneurship education. At present, the teaching ability of innovation and entrepreneurship education of teachers in higher vocational colleges is relatively weak. Teachers in higher vocational colleges lack practical entrepreneurial experience and market insight when teaching innovation and entrepreneurship education, resulting in teaching content that is divorced from reality and lacks pertinence and operability. At the same time, the teaching methods of teachers' innovation and entrepreneurship education are relatively outdated, and they still adopt the traditional classroom teaching mode, lacking novel and diversified teaching methods, and it is difficult to stimulate students' interest and innovative thinking. Higher vocational colleges should also increase the training of teachers, provide better teaching resources and platforms, and provide support and guarantee for teachers' innovation and entrepreneurship education and teaching.

(4) The practice platform of higher vocational colleges is not perfect.

Due to their own conditions, most of the higher vocational colleges in China have relatively limited resources such as practice sites and equipment on campus. At the same time, due to limitations in funding and land, it is difficult to build high-quality innovation and entrepreneurship education practice bases. It limits the ability of students to improve in practical operation. Vocational colleges generally have close cooperation with local enterprises, but less contact with large enterprises and international enterprises, which makes it difficult for students to get in touch with the most cutting-edge industry information and technology, and unable to fully understand current industry trends, making it difficult for them to prepare for the future. The market makes accurate predictions, and these conditions are not conducive to the development of innovation and entrepreneurship education.

#### **4. Discussion on the Construction of the Integration Path of Professional Education and Entrepreneurship Education in Higher Vocational Colleges**

Talent training in higher vocational colleges requires continuous innovation and advancing with the times according to the needs of social development, and requires the participation and cooperation of the government, industry organizations, and enterprises. Higher vocational colleges are the main positions for the cultivation of high-quality talents. It is necessary to continuously optimize the talent training plan according to local conditions and according to the characteristics of the local economic industry group and the students of the school. High-quality technical and skilled personnel with spirit and innovative and entrepreneurial ability. In recent years, Wenzhou Polytechnic has actively promoted innovation and entrepreneurship education [5]. Taking the college's key construction specialty—Intelligent Control Technology as an example, it has carried out active and effective explorations through the integration of practical professional education and innovation and entrepreneurship education.

(1) Enhance understanding of the integration of professional and entrepreneurial education.

Professional education and innovation and entrepreneurship education are not antagonistic in nature, but promote and integrate each other. Higher vocational colleges should organically combine professional education and innovation and entrepreneurship education, and realize the optimization and innovation of courses through integration, and promote the development of students. Comprehensive development and competitiveness enhancement. Wenzhou Polytechnic integrates innovation and entrepreneurship education and professional education into curriculum design, and it runs through it in teaching practice. Taking the major of intelligent control technology as an example, when setting up the professional course of "Intelligent Controller R&D and Project Training", a highly feasible entrepreneurial practice link is set up, so that students can get in touch with the ideas and methods of innovation and entrepreneurship in practice, and guide students from the perspective of professional education, solve practical problems in innovation and entrepreneurship, and improve students' innovation awareness and entrepreneurial ability. The school has made remarkable achievements in innovation and entrepreneurship education. Students have won gold medals in various innovation and entrepreneurship competitions represented by "Internet +" and "Challenge Cup".

(2) Strengthen the construction of a sound curriculum system for the integration of professional education and entrepreneurship education.

The construction of innovation and entrepreneurship curriculum system in higher vocational colleges should run through the whole process of higher vocational talents training. In recent years, with the doubled employment pressure of college students, there are two outstanding problems in the process of innovation and entrepreneurship education in higher vocational colleges: utilitarianism and marginalization, which have not been implemented in accordance with the requirements of national policy documents. Colleges and universities must actively deepen

innovation and entrepreneurship education Reform, according to the training orientation of higher vocational students, actively promote the integration of innovation and entrepreneurship education and professional education, and form a corresponding curriculum system. In the process of carrying out innovation and entrepreneurship education, our school always insists on integrating innovation and entrepreneurship education into the whole process of talent training, and realizes innovation and entrepreneurship education and professional education courses by building a three-level progressive curriculum system of "basic courses + growth courses + practical courses". Integration of systems. In the intelligent control technology major of Wenzhou Polytechnic, an innovation and entrepreneurship course was created, and the credit ratio of innovation and entrepreneurship basic courses, growth courses and practical courses was increased in the professional teaching plan, forming a multi-level, three-dimensional, progressive The innovation and entrepreneurship curriculum system has important guiding significance for the cultivation of high-quality technical and skilled personnel.

(3) Strengthen the construction of teachers in innovation and entrepreneurship education.

The teaching staff is an important indicator and element to measure the level of innovation and entrepreneurship education in higher vocational colleges. Among the teachers majoring in intelligent control technology, only those teachers who have not only good professional theoretical literacy, but also certain corporate practice experience or industry work background can join the teaching staff of innovation and entrepreneurship education. Our school selects the teaching staff of innovation and entrepreneurship education. When referring to the school's document requirements, it is required to preside over the construction of at least one basic course, growth course or practical course of innovation and entrepreneurship education. After the acceptance is passed, the teaching of innovation and entrepreneurship education courses will be carried out. In the teaching process of innovation and entrepreneurship education courses, it is necessary to regularly participate in various trainings for national or provincial innovation and entrepreneurship teachers arranged by the school, and guide students to participate in the "Internet +" college students' innovation and entrepreneurship competition, the "Challenge Cup" college students' extracurricular academic science and technology works competition, etc. Competition items, strive to achieve the coverage of students' participation in innovation and entrepreneurship activities, promote the improvement of teachers' innovative practice ability and teaching level, and realize the mutual integration of innovation and entrepreneurship education and professional education teachers.

(4) Strengthen and broaden the entrepreneurial practice platform of higher vocational colleges.

At present, higher vocational colleges generally establish on-campus incubation bases (college student entrepreneurship parks, science and technology incubation parks) and off-campus practice bases (small and micro enterprises, scientific research institutes) through school-enterprise cooperation to carry out innovation and entrepreneurship education practice activities and guide college students to actively participate in science and technology. Innovative practice activities, the whole process from project declaration, project evaluation, project

identification, to the later stage of project implementation instructors participate in the whole process and track in place, which can not only promote the improvement of students' innovative practice ability, but also realize the improvement of teachers' teaching and scientific research ability. In the past two years, in the process of innovation and entrepreneurship education, our school has actively explored the operation mechanism of the accumulation and exchange of "innovation and entrepreneurship practice credits", established the concept of "big innovation and entrepreneurship", and encouraged students to take the initiative to participate in various college student innovation and entrepreneurship competitions above the provincial level. Or regularly go to the business incubation technology park for innovative practice training. In addition to credits for project declaration, thesis writing, patent application, and innovation and entrepreneurship competition award recognition, the scope of recognition is further expanded, and humanistic quality activities, vocational qualification certificates and skill training are classified as innovation and entrepreneurship practice activities, which is conducive to the realization of The integration of innovation and entrepreneurship education and professional education practice activities.

## 5. Conclusion

To sum up, the integration of innovation and entrepreneurship education and professional education in higher vocational colleges is an important trend in the development of higher vocational education in the future. Higher vocational colleges can only improve students' core competitiveness and realize the effective training of high-quality technical and skilled personnel promotes the

sustainable and healthy development of higher vocational education.

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