

Integration of Innovation and Entrepreneurship Education and Professional Education in Higher Vocational Colleges: Progress, Problems and Countermeasures

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Abstract

Promoting the close integration of innovation and entrepreneurship education and professional education is the intrinsic need of higher vocational colleges to further promote innovation and entrepreneurship education, is the inevitable choice of higher vocational colleges to deepen the development of professional education, and is also the objective requirement of cultivating innovative talents needed by the society. However, the development of innovation and entrepreneurship education and professional education is almost independent of each other. This seriously restricts the sustainable development of innovation and entrepreneurship education.[1]This paper starts from expounding the progress of the integration of innovation and entrepreneurship education and professional education in higher vocational colleges, analyzes the main problems, and further puts forward relevant strategies.

Keywords

Higher vocational colleges, Innovation and entrepreneurship education, Professional education, integration.

1. Introduction

Innovation and entrepreneurship education focuses on shaping students' innovation and entrepreneurship thinking, cultivating students' innovation and entrepreneurship consciousness, spirit and ability, so as to improve students' comprehensive quality. Professional education mainly focuses on the cultivation of students' ability and quality in a certain professional field. The realization of innovation and entrepreneurship education is inseparable from the basic knowledge and professional knowledge mastered by students, and the awareness and skills of students provided by innovation and entrepreneurship training can complement the professional education. At present, China's higher vocational colleges actively carry out innovation and entrepreneurship education, explore the effective integration of innovation and entrepreneurship education and professional education, Which not only conforms to the needs of high-tech technical and skilled talents in social and economic development, but also plays an important guiding role in the cultivation of innovative technical and technical talents in higher vocational colleges. Moreover, in the face of the impact of the wave of globalization, Making China in an invincible position in international competition. And it is of great significance to improve China's independent innovation capability and build an innovative country.[1]

2. Progress in the Integration of Innovation and Entrepreneurship Education and Professional Education

Innovation entrepreneurship education in colleges and universities in China blue book (2016) show that 2016 is a year of rapid development of innovation and entrepreneurship education in Chinese universities. Through the survey of 130 public universities across the country, nearly 80% of colleges and universities have issued a number of incentive policies and documents related to innovation and entrepreneurship education. More than 70% of colleges and universities have carried out related teaching reforms, and more than 40% of colleges and universities have established The Innovation and Entrepreneurship Education Research Center, more than 90% of colleges and universities participated in a number of innovation and entrepreneurship competitions, forming a pattern in which multiple entities participate in the construction.[2]In 2015, the national alliance for innovation and entrepreneurship of higher vocational colleges was officially established.In other words, once the concept of innovation and entrepreneurship education was put forward, the government and universities responded positively. Higher vocational colleges have begun to explore innovative and entrepreneurial education forms that are in line with their own reality and have their own characteristics, and the results are quite fruitful.For example, Beijing vocational college of finance and trade includes innovation and entrepreneurship courses in its professional curriculum system. Through the combination of the first class and the second class, students' entrepreneurial consciousness is cultivated, the knowledge structure required for entrepreneurship is constructed, and the comprehensive quality of students is improved.Nanjing industry professional technology institute takes innovation and entrepreneurship competition as the carrier, based on college students' community, from the policy support, the system of motivation, teacher allocation and fund guarantee , to encourage and support the students to participate in various types of extracurricular innovation and entrepreneurship activities, makes innovation entrepreneurship education into the whole process of talent cultivation, makes career consciousness and innovation ability become the common quality of students.However, innovation and entrepreneurship education in vocational colleges is still independent of professional education. Concrete expression is in 4 respects.Firstly, many colleges and universities regard innovation and entrepreneurship education as the cultivation of a small number of students with entrepreneurship intention and philosophy. Innovation and entrepreneurship education is not included in the college professional talent training program, and there are no credit requirements and specific teaching provisions for innovation and entrepreneurship.Secondly, the courses of innovation and entrepreneurship education in most colleges and universities are not yet systematic, and most of them are scattered and unsystematic public elective courses, which cannot be closely combined with the study of professional courses.Thirdly,the matching rate of teaching materials needed for the integration of innovation and entrepreneurship education and professional education are not high and complete, and the resources such as teachers and bases are not complete.Fourthly,innovation and entrepreneurship education is mainly carried out in the second class, such as lecture series of innovation and entrepreneurship education, business plan competition and scientific research training project.The above phenomenon seriously affects the further development of innovation and entrepreneurship education in colleges and universities and the output of excellent innovation and entrepreneurship achievements.Based on the above, such a fact has been proved, that is, innovation and entrepreneurship education in colleges and universities is independent of professional education, and the separation of the two states is difficult to effectively crack.

3. Problems Existing in the Integration of Innovation and Entrepreneurship Education and Professional Education

3.1. The Concept of Integrated Development of Innovation and Entrepreneurship Education and Professional Education Is Not Yet Perfect

The concept understanding and concept identification of the integrated development of innovation and entrepreneurship education and professional education are the cognitive basis for the effective promotion of the integration of innovation and entrepreneurship education and professional education. Unfortunately, many teachers and students are still unable to fully understand the basic concept and essence of the integrated development of innovation and entrepreneurship education and professional education, which has some narrowness, one-sidedness and limitations. Higher vocational colleges cannot get rid of the shackles of professional education and neglect innovation and entrepreneurship education. Utilitarianism has always existed in China's education. Vocational colleges believe that professional education can help students quickly find a suitable career, while the role of innovation and entrepreneurship education is not so obvious, not as practical as professional education.[3] Therefore, higher vocational colleges in China pay more attention to professional education and neglect innovation and entrepreneurship education in the choice of education mode.

3.2. The Curriculum System of Integrated Development of Innovation and Entrepreneurship Education and Professional Education Has Not Been Formed

In terms of curriculum, in 2010, the Ministry of Education clearly requested that the construction of curriculum system of innovation and entrepreneurship education should be strengthened. We will effectively integrate innovation and entrepreneurship education into the teaching plan and credit system for professional education and cultural and quality education, and establish a multi-level and three-dimensional curriculum system for innovation and entrepreneurship education. However, most vocational colleges do not include innovation and entrepreneurship education into the talent training program, curriculum system, curriculum content system, curriculum syllabus.

3.3. The Cultural Atmosphere of Integrated Development of Innovation and Entrepreneurship Education and Professional Education Has Not Been Formed

For the cultural atmosphere of innovation and entrepreneurship in higher vocational colleges, although it is increasingly obvious, the connection with professional educational practice is still not close enough, and the cultural atmosphere of the integration of the two has not yet formed. Throughout the domestic universities, innovation and entrepreneurship lectures, forums, science and technology competitions and related projects are mostly separated from professional education. In terms of activities related to innovation and entrepreneurship, the secondary colleges have little incentive and support for students. For example, vocational colleges provide students with few resources such as teachers and practical platforms for innovation and entrepreneurship activities, and lack of substantive measures to promote the organic integration of innovation and entrepreneurship education and professional education. There are gaps in the construction of cultural atmosphere for innovation and entrepreneurship in colleges and universities. For example, the school failed to widely publicize innovative entrepreneurship education and related policies, and failed to explain how innovative entrepreneurship education should be implemented in different professional backgrounds, which made it difficult for students to truly feel the atmosphere of campus innovation and

entrepreneurship education, which will seriously affect the integration of innovation and entrepreneurship education and professional education.

4. Countermeasures for the Integrated Development of Innovation and Entrepreneurship Education and Professional Education

4.1. Improve the Concept of the Integration of Innovation and Entrepreneurship Education and Professional Education

The change of the concept of the innovation and entrepreneurship education and professional education in vocational colleges are the basis for the integration of innovation and entrepreneurship education and professional education in vocational colleges. If higher vocational colleges want to realize the integration of professional education and innovation and entrepreneurship education, they must set up and perfect the idea of integrated development of innovation and entrepreneurship education and professional education. We should change the current situation of single educational concept in higher vocational education and treat the relationship of "two educations" dialectically. Higher vocational colleges must realize that there is a profound dialectical relationship between innovation and entrepreneurship education and professional education. For a long time, innovation and entrepreneurship education in colleges and universities has been regarded as the new content of professional education development. However, from the perspective of the nature of innovation and entrepreneurship education, innovation and entrepreneurship education is more like a powerful supplement to professional education. Innovation and entrepreneurship education can stimulate students' interest in professional education, which is conducive to deepening students' understanding of teaching methods, teaching objectives and practical applications of professional courses, so as to enhance their subjective initiative in learning professional courses. Moreover, it can provide theoretical support for students to apply professional knowledge for entrepreneurial practice. In this sense, innovation and entrepreneurship education is a reform of professional education with more requirements of The Times. Innovation and entrepreneurship education is the expansion and deepening of professional education.[4] Both of them should play an equally important role in higher vocational education, and both of them should focus on the core task of educating people, jointly cultivating innovative talents who meet the needs of social development and serve for economic and social development.[5]

4.2. Building A Curriculum for the Integration of Innovation and Entrepreneurship Education and Professional Education

The curriculum is the core of the innovation and entrepreneurship education embedded in professional education. Whether the curriculum is reasonable or not is directly related to students' knowledge structure and quality of cultivation. To construct a professional curriculum system, It is necessary to revise the course objectives, integrate the innovative spirit, entrepreneurial awareness, innovation and entrepreneurial ability into the professional curriculum objectives, and integrate the knowledge, ability and other elements of professional education into the goals of the innovation and entrepreneurship curriculum. In addition, the curriculum system of professional education should be incorporated into the curriculum of innovation and entrepreneurship education, so as to develop innovation and entrepreneurship courses. Including professional innovation and entrepreneurship program courses and professional innovation and entrepreneurship certification courses. Each major should conduct extensive research to identify the core knowledge and key capabilities of innovation and entrepreneurship in its field, and develop practical project courses on this basis. Each major should offer at least 4-8 credits of innovation and entrepreneurship courses. At the same time, in order to improve the employment competitiveness of students, each major also needs to

develop 2-4 credits of innovative entrepreneurship certification courses to support students to obtain industry professional qualification certificates.

4.3. Create A Good Cultural Atmosphere of Integration of Innovative Entrepreneurship Education and Professional Education

Higher vocational colleges should strive to create a cultural atmosphere that integrates innovation and entrepreneurship education with professional education, and form a teaching and learning style that integrates innovation and entrepreneurship education with professional education. Firstly, vocational college should incorporate the innovation and entrepreneurship culture into the campus culture construction, and promote the integration and penetration of the first classroom and the second classroom. secondly, vocational college should carry out innovative and entrepreneurial lectures, forums, science and technology competitions and other forms of extracurricular entrepreneurial cultural activities based on professional education, promote the communication and exchange of innovative and entrepreneurial groups of higher vocational students, and cultivate the awareness of innovation and entrepreneurship of students. Thirdly, the colleges support innovation and entrepreneurial activities, for example, to effectively use the campus network, broadcasting and other media to actively promote innovation and entrepreneurship related policies.

5. Conclusion

To sum up, at present, the trend of integration of innovation and entrepreneurship education and professional education in higher vocational colleges in China is becoming more and more obvious. However, most of the higher vocational colleges' innovation and entrepreneurship education is still independent of professional education. Higher vocational colleges must actively take relevant measures to solve the problems faced by innovative entrepreneurship education and professional education. We should give full play to the function of innovation and entrepreneurship education based on professional education, Integrate innovative entrepreneurship education with professional education. In this way, we can cultivate more innovative talents needed by the country and society.

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