### Research on Ecosystem Construction of Innovation and Entrepreneurship Education in Colleges and Universities

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**Key words:** Innovation and entrepreneurship education; Ecosystem; Talent training in Colleges and universities.

**Abstract.** Under the new situation of vigorously promoting mass entrepreneurship and innovation, innovation and entrepreneurship education has attracted close attention from all walks of life. At the same time, it is more necessary for colleges and universities to carry out entrepreneurship education, transform achievements by innovation and cultivate innovative talents. How to integrate innovation and Entrepreneurship with their own school-running model perfectly? Taking this as an opportunity to realize its own development has become a difficult problem in the construction of innovation and entrepreneurship education in Colleges and universities. This paper focuses on a series of issues concerning the ecosystem construction of innovation and entrepreneurship education reform in Colleges and universities, speeds up the improvement of innovation and entrepreneurship education and entrepreneurship education, trains high-quality talents, and promotes high-level innovation and Entrepreneurship of College students.

At present, China's rapid socio-economic development has entered a new normal, but as the number of college graduates increases year by year, the employment situation of graduates is still grim. Therefore, innovation and entrepreneurship education has a milestone practical significance for talent training in Colleges and universities. In May 2015, the General Office of the State Council issued the "Opinions on Deepening the Reform of Innovation and Entrepreneurship Education in Colleges and Universities" which clearly pointed out that "education should be people-oriented and the quality of training should be improved. Deepening the innovation and entrepreneurship education reform in Colleges and universities should be taken as a breakthrough to promote the comprehensive reform of higher education.

## **1.** Current Situation of Ecosystem Construction of Innovation and Entrepreneurship Education in Colleges and Universities

At present, most colleges and universities have set up leadership groups for innovation and entrepreneurship education in terms of personnel training. They have built four systems, namely, management system, curriculum system, platform system and training system. These four systems make innovation and entrepreneurship education achieve organic integration, promote the construction of education ecosystem, and achieve the goal of training talents in Colleges and universities.

### 1.1 University Innovation and Entrepreneurship Education Management System

Most colleges and universities have set up innovation and entrepreneurship guidance centers, allocated innovative and entrepreneurship guidance teachers to guide and coordinate the study of innovation and entrepreneurship work, specifically responsible for the implementation of innovation and entrepreneurship education, at the same time, by giving full play to the role of

student self-governing organizations - Double innovation centers, the implementation of innovative and entrepreneurial activities of College students.

### 1.2 Innovation and Entrepreneurship Education System in Colleges and Universities

At present, most colleges and universities provide innovative and entrepreneurial education for college students by offering elective courses. Through small class teaching, students are taught innovative entrepreneurship knowledge from the concept and ideology. At the same time, innovative entrepreneurship module is added to the training program, and at least one innovative entrepreneurship class is selected to teach in theory, experiment, practice, case and other forms.

### **1.3 University Innovation and Entrepreneurship Education Platform System**

Innovation and entrepreneurship education platform system includes basic teaching platform, project training platform and simulation platform. In recent years, most colleges and universities have strengthened the construction of teaching staff and improved the evaluation system of teachers. At the same time, it strengthens the training mode, including fund project, simulated enterprise and entity enterprise, to encourage students to carry out innovative and entrepreneurial activities, and to strengthen the cultivation of talents in Colleges and universities.

## **1.4 Practical Training System of Innovation and Entrepreneurship Education in Colleges and Universities**

There are mainly fund projects: universities through the establishment of innovation and entrepreneurship project funds, in accordance with the project form to support students'innovation and entrepreneurship, can start to sign agreements, the implementation cycle generally does not exceed 2 years. Simulated Enterprise: Supporting university students with projects, requiring students who have won national patents, challenge cups and other awards to operate a simulated enterprise in Creator Space for a period of 1-2 years. Entity Enterprise: Students and graduates who have not been employed within 2 years will be employed to establish a real enterprise to incubate in the Creator Space or Science Park, and obtain related services, such as assisting enterprises to register for business and taxation, etc.

## **2.** Problems in Ecosystem Construction of Innovation and Entrepreneurship Education in Colleges and Universities

At present, the ecosystem of innovation and entrepreneurship education in Colleges and universities has been gradually improved, which not only sounds to improve the quality of innovation and entrepreneurship education, but also describes the bright future of innovation and entrepreneurship education in Colleges and universities. However, looking at the current situation of university innovation and entrepreneurship, the construction of university innovation and entrepreneurship education ecosystem is still facing a series of problems, which restrict the development of university innovation and Entrepreneurship from different aspects.

## **2.1 Understanding of Innovation and Entrepreneurship Education in Colleges and Universities**

At present, although a large number of colleges and universities have added innovative entrepreneurship courses in elective courses, in essence, most colleges and universities do not regard innovative entrepreneurship as an important part of higher education, which has resulted in the empty appearance of innovative entrepreneurship education, leading to its isolation and formalization. As a result, the construction of the ecological system of innovation and entrepreneurship education in Colleges and universities has been greatly hindered. Its educational content is not closely related to market needs, local economic development and regional social structure. Only a small number of students with innovation and entrepreneurship potential are included in the output of outstanding university seniors. At the same time, most of the education methods remain in the stage of stimulating the enthusiasm of innovation and entrepreneurship, and their effectiveness, feasibility and practical effect are not significant.

## **2.2 Imperfect practice system of innovation and entrepreneurship education in Colleges and Universities**

Innovation and entrepreneurship education has not reached the standard of theoretical disciplines,

has not formed a unified and scientific education system, and can not play a combined role. Moreover, the entrepreneurship curriculum is divorced from teaching practice, the platform of innovation and entrepreneurship education is inadequate, and the practice of innovation and entrepreneurship pays too much attention to form, which leads to the lack of practical training for most students. In addition, the teaching content and methods are too backward. Most of the teaching teachers lack the experience of enterprise training and innovation and entrepreneurship. The teaching mainly focuses on theory and case teaching, which is the typical representative of "college" teaching. It can be seen that the education of innovation and entrepreneurship in Colleges and universities is biased towards traditional education and lacks practical elements, which greatly limits the construction of innovation and entrepreneurship education ecosystem in Colleges and universities.

### **2.3** Lack of Teachers in Innovation and Entrepreneurship Education in Colleges and Universities

Teachers with higher professional titles play a positive role in promoting the construction of innovation and entrepreneurship education ecosystem. Innovation and entrepreneurship education teachers play a decisive role by the characteristics of innovation and entrepreneurship. Innovation and entrepreneurship require higher practicality and innovation, which requires higher teachers. However, at present, most of the teachers are instructors or career guidance teachers. These teachers have limited knowledge of entrepreneurship and lack rich experience in Entrepreneurship practice, which undoubtedly hinders the construction of innovation and entrepreneurship education ecosystem in Colleges and universities. Some researchers pointed out that the main factor facing the development of innovation and entrepreneurship education in China is the contradiction between the high demand of innovation and entrepreneurship education for teachers'comprehensive quality and the weak strength of teachers in innovation and entrepreneurship education in China.

#### 2.4 College students are weak in Entrepreneurship consciousness and lack of practical action

At present, most college students still stay at the cognitive level of changing the fate of universities and cultivating talents in universities, and their awareness of open-mindedness and entrepreneurship in universities is very weak. There are still some problems in the course development of improving students'innovative and entrepreneurial abilities in universities. The repeated innovative and entrepreneurial projects lead to the lack of innovative and entrepreneurial spirit and courage of College students. As a result, the situation of low entrepreneurship rate and low success rate of entrepreneurship is presented.

### **3.** Path Choice of Ecosystem Construction of Innovation and Entrepreneurship Education in Colleges and Universities

This paper analyses the various dilemmas of the innovation and entrepreneurship education ecosystem in the major universities and concludes that the internal problems of the education system and the imperfection of the external construction system of innovation and entrepreneurship lead to these dilemmas, so as to improve the internal problems of the education system and optimize the external support system of the innovation and entrepreneurship education system, which is to promote the creation of Universities New entrepreneurship education ecosystem construction is the most important.

## **3.1** Cultivating Innovation and Entrepreneurship; Education Culture in Colleges and Universities

Promote the spirit of innovation and entrepreneurship in Colleges and universities, reshape the culture of innovation and entrepreneurship in Colleges and universities, and strengthen the profound understanding of innovation and entrepreneurship culture in Colleges and universities. Specifically, we attach great importance to innovation and entrepreneurship education from the ideological and conceptual point of view, incorporate innovation and entrepreneurship education into the student growth training program, and shape the innovative and entrepreneurship personality of College students. In the spare time, we should fully carry out all kinds of innovative entrepreneurship competitions to stimulate students'innovative and entrepreneurial intentions and passion. At the

same time, colleges and universities should improve the construction of school entrepreneurship organization and management system. It is a great encouragement for students to innovate and start their own businesses, and it contains tolerance for students to fail in starting their own businesses.

## **3.2** Constructing innovative entrepreneurship education model to promote the organic integration with professional education and quality education

Most universities lack practice in innovation and entrepreneurship. Universities can establish innovation and entrepreneurship education model to further promote the construction of innovation and entrepreneurship education ecosystem. Firstly, colleges and universities can cooperate with major enterprise projects, carry out targeted research and study according to the shortcomings of problems and practices, and put forward feasible plans through the relevant situation of enterprises. Secondly, through on-the-spot visits to investigate the real entrepreneurship practice, carry out entrepreneurship curriculum design, explore how to integrate innovation and entrepreneurship education is to train innovative and entrepreneurship talents, and cultivating innovative and entrepreneurship talents is also the key to the construction of innovation and entrepreneurship education ecosystem.

# **3.3** Fostering the contingent of innovative entrepreneurship education in Colleges and Universities

For the construction of the ecosystem of innovation and entrepreneurship education in Colleges and universities, it is necessary to train a professional and cross-border cooperation teachers with enterprises, and teachers willing to engage in innovation and entrepreneurship education practice for a long time. Therefore, colleges and universities should employ outstanding talents from entrepreneurs, entrepreneurs and investors to serve as teachers of innovative entrepreneurship courses and speed up the establishment of a professional teaching staff.

### 3.4 Optimizing College Students'Innovation and Entrepreneurship Support System

In view of the lack of entrepreneurial awareness and practical action of College students, the government and colleges should strengthen the support system for students'innovation and entrepreneurship, and gradually improve the external environment of innovation and entrepreneurship education. Suggestions on the implementation of innovation and entrepreneurship education reform for college students should be tailored to local conditions, focusing on the formulation of practical and operable educational measures, and do a good job in guiding entrepreneurship services, establish innovation and entrepreneurship support funds, encourage college students to innovate and entrepreneurship, improve the utilization rate of funds, and let the state support policy benefit everyone. Undergraduate entrepreneurs make their dreams come true.

The construction of innovation and entrepreneurship education ecosystem in Colleges and universities is related to social development and economic improvement. Innovation and entrepreneurship education in Colleges and universities meets the current educational level and social development requirements. It is an important measure to improve students'innovation and entrepreneurship practice. The cultivation of innovative and entrepreneurship talents in Colleges and universities is directly related to the cultivation of social innovative talents. Maintenance is related to the innovative construction of our country. Under the requirements of the new normal, the improvement and promotion of the ecosystem construction of innovation and entrepreneurship education in Colleges and universities is imminent and has a long way to go.

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