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## Research on the Construction of Innovation and Entrepreneurship Education Ecosystem in Colleges and Universities under High Quality Development

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Abstract: We should grasp the "four causes experience", that is, motive force cause, purpose cause, material cause and form cause. On this basis, this study further integrates and constructs the "three-dimensional integration" ideal model of the university innovation and entrepreneurship education ecosystem, which includes the system structure of "three systems and ten elements", the ecological characteristics of "three transformations" and the construction experience of "four causes", so as to present the ideal structural relationship and operating mechanism of the university innovation and entrepreneurship education ecosystem more stereoscopically and vividly.

**Keywords:** Innovation and Entrepreneurship, Education Ecosystem, High Quality Development

## I. INTRODUCTION

Niche theory is not only widely used in natural ecosystems, but also of great significance to social ecosystems. The niche theory, as a theory describing the important characteristics of the ecosystem, has attracted the attention of scholars, who began to explore the innovation and entrepreneurship education ecosystem in colleges and universities from the perspective of niche. Innovation and entrepreneurship education in China started relatively late, but developed rapidly.

In the early 20th century, Tao Xingzhi's "creative" education in the theory and practice of life education can be said to be a valuable source of modern innovation and entrepreneurship education in China. At the beginning of reform and opening up, Comrade Deng Xiaoping vigorously advocated and effectively promoted the education of "hard work and entrepreneurship", and developed it into a nationwide entrepreneurship education, laying the historical tradition and cultural gene of China's entrepreneurship education "facing all". Hu Yan, the author of the book Exploration and Practice of Innovation and Entrepreneurship Talent Training in Private Colleges and Universities, tells that when private colleges and universities implement innovation and entrepreneurship education to cultivate high-quality talents, they start from three aspects: first, the overall development of innovation and entrepreneurship education. The first part of the book clearly explains the relevant concepts of innovation entrepreneurship education to the readers, as well as the significance and impact of innovation and entrepreneurship education, It has greatly enriched the theoretical repository of innovation and entrepreneurship education

Secondly, innovative entrepreneurship education practice mode. The book specifically tells that private colleges and universities can implement innovation and entrepreneurship education through optimized cooperation between schools and

local organizations, cultivate students' practical application ability, promote the level of private colleges and universities and improve the quality of students' comprehensive quality education To jointly design the curriculum system, jointly develop high-quality textbooks, jointly organize teaching teams, jointly build a practice platform, explore a new mechanism of collaborative education between departments, universities, colleges, universities, enterprises, universities and regions, as well as international cooperation, and solve the problem of educational ecological imbalance are the main challenges in studying entrepreneurship education in China's colleges and universities, which is of great significance for promoting the sustainable and healthy development of China's higher education.

## II. THE PROPOSED METHODOLOGY

A. The Construction of Innovation and Entrepreneurship Ecosystem Model in Colleges and Universities Based on Vocational Education

The purpose of innovation and entrepreneurship education in colleges and universities is to cultivate technical and skilled talents with innovative consciousness, spirit and ability for the country with the fundamental task of establishing morality and cultivating people, and the cultivation of this talent is of professionalism and craftsmanship. How vocational education can provide strong talents and intelligent support for social and economic development, constantly serve the economic society, improve social attractiveness, alleviate the urgent situation of the demand for technical and skilled talents in all walks of life, and achieve high-quality development of vocational education needs to be achieved innovation and entrepreneurship professional education, continuing education and other services in colleges and universities, among which, to cultivate students' innovation awareness, innovation spirit Innovation and entrepreneurship education, the "main front" of innovation ability, is the only way for vocational education to achieve "broad prospects and great prospects". This definition: first, based on Zhu Chunquan's theory of niche situation.

At this stage, entrepreneurship education has developed into a school wide and broad-spectrum innovation and entrepreneurship education for all students, multi sector cooperation, and mutual promotion of innovation and entrepreneurship. Its core purpose has changed to the cultivation of innovation and entrepreneurship talents; The focus of theoretical research is correspondingly shifted to how to improve students' innovation and entrepreneurship literacy. The ecosystem in nature refers to the cycle structure formed by the natural environment, the growth laws of animals and plants, and climate change. The three form a balanced relationship of



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mutual restriction and interaction. Once one side is unbalanced, the entire ecosystem will be broken

All sectors of society have given effective financial support. "Magnet mode" and "radiation mode" are two typical innovation and entrepreneurship education modes. The service learning teaching strategy of entrepreneurship education in American colleges and universities indicates the new direction of entrepreneurship education teaching strategy in colleges and universities. At the practical level, vocational education and innovation and entrepreneurship education are characterized by full process coordination, full staff interaction, and diversity of directions. Vocational education and innovation and entrepreneurship education in colleges and universities have a whole process synergy. Both vocational education and innovation and entrepreneurship education can not be separated from a large number of continuous practical teaching. In the teaching process, the two work together to improve students' innovation and entrepreneurship ability and vocational ability, and promote students' technical skills training.

## B. Construction of Innovation and Entrepreneurship Education Ecosystem from the Perspective of Collaboration

Based on the theory of niche situation, the key elements of the innovation and entrepreneurship education ecosystem in colleges and universities are summarized as "the state of cultural knowledge inheritance" and "the trend of knowledge achievements transformation", which is consistent with the people-oriented concept of knowledge inheritance, technology transfer and achievements transformation in the innovation and entrepreneurship education ecosystem in colleges and universities. There are relatively many studies on this issue in the academic circle, but the basic consensus still needs to be condensed. The second is the relationship level, which focuses on answering what kind of relationship status and characteristics exist between the key elements of the ideal innovation and entrepreneurship university ecosystem? This is the top priority to be broken through. But the research on this level is very insufficient.

Build a good environment for innovation entrepreneurship education. Environmental factors have a profound impact on the growth of students. The cultivation of students' awareness of innovation and entrepreneurship and the cultivation of innovation and entrepreneurship ability have a great relationship with the environment of innovation and entrepreneurship education. Based on this, private colleges and universities should understand the importance and inevitability of innovation and entrepreneurship education under the development trend of the new era, and organize teaching activities with innovation and entrepreneurship as the theme Innovation and entrepreneurship education in Japan started from innovation education, and its "imitation and transformation" innovation has made the whole country have a strong sense of innovation and innovation ability. Japan divides the meaning of innovation and entrepreneurship education into three levels: brain education (including the cultivation of entrepreneurship, challenge spirit, entrepreneurial awareness, risk tolerance, etc.), and the education of mastering entrepreneurial ability

The cultural niche "potential" element of the innovation and entrepreneurship education ecosystem in colleges and universities refers to the influence or dominance of the transformation of knowledge achievements of innovation and entrepreneurship education in colleges and universities on the real environment. The "potential" element can reflect the realistic influence and future development trend of colleges and

universities as biological units. It can not only reflect the ecological role of innovation and entrepreneurship education of colleges and universities as biological units, but also reflect their practical functions and future development potential. The cross case study method adopted in this study requires the establishment of a theoretical perspective to guide the in-depth research on the basis of existing literature.

In general, the innovation and entrepreneurship education ecosystem in colleges and universities is not a priori concept, but an acquired concept condensed on the basis of practice. Its ideal state should not only be stipulated from the perspective of logic and rationality, but also be refined and confirmed in the practice model. But the practice is extremely complex, and typical cases are also diverse Build a team of innovation and entrepreneurship education. At present, the innovation and entrepreneurship education team of private colleges and universities is mostly composed of other professional teachers or temporary lecturers. The level of professional education is insufficient, and the development of innovation entrepreneurship education is in a state of half understanding. It is impossible to fully integrate innovation and entrepreneurship education with professional education. Therefore, private colleges and universities should make full use of existing resources to conduct professional training for teachers at the same time, and establish professional teacher teams, Ensure the stability of innovation and entrepreneurship education At present, the education concept is relatively closed and conservative, the social recognition of innovation and entrepreneurship education is not high, and people lack the essential cognition of entrepreneurship education.

School leaders and teachers have insufficient understanding of the status and role of entrepreneurship education, functional departments have insufficient support for entrepreneurship education, and entrepreneurship education in colleges and universities cannot meet the needs of students; As the main body of entrepreneurship, most college students think that entrepreneurship education is only aimed at a few excellent students with strong innovation ability. They do not realize that entrepreneurship is a sense of social responsibility that contemporary college students should bear, and there is a cognitive bias in entrepreneurship. At this stage, the innovation and entrepreneurship education in colleges and universities has obviously deviated from vocational education. In the process of dealing with the relationship between vocational education and innovation and entrepreneurship education in colleges and universities, vocational education and innovation and entrepreneurship education are "mutually independent" in terms of teaching objectives, teaching content, teaching effectiveness evaluation, teacher construction, off campus practice, etc.

The scientific and technological innovation ability, industrial transformation ability, derivative entrepreneurship, entrepreneurship incubation of innovation and entrepreneurship education in colleges and universities affect the "potential" elements of the innovation and entrepreneurship education ecosystem in colleges and universities. The influence of "potential" elements further promotes the growth of "status" factors in the innovation and entrepreneurship education ecosystem of colleges and universities, which is a process of "value chain innovation chain". In general, the ideal state of the innovation and entrepreneurship education ecosystem in colleges and universities is mainly reflected in the relationship between the system elements. Therefore, we can analyze the problem of ideal form from the perspective of system elements and their relationships.



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## **CONCLUSION**

Build an open and diversified resource network that includes professional institutional resources, ideological and political education resources, student community resources, alumni resources, industry resources, enterprise resources and government resources; The third-party service industry intervenes in the entrepreneurship education system, builds a bridge between the partners, and coordinates the distribution of interests and conflicts. Improving the construction of the "four combinations" ecosystem can effectively enhance the function of the ecosystem in serving entrepreneurship education "Status" is the basis. Different value ranges of "status" determine the size of "potential". "potential" also promotes the transformation of "status". The two cooperate in the process of knowledge chain value chain innovation chain to achieve the optimization of the whole system.

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