

Cultivation of Internationalized Innovative Talents in Environmental Design Specialty under the Background of Double Entrepreneurship

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Abstract: The advent of the era of knowledge economy has brought new challenges to the field of education, and knowledge production methods have shown a new trend with innovation and creativity as the theme. Facing the new normal of economic development, speeding up the implementation of the goal of training international innovative talents for environmental design majors is not only an urgent need to realize the innovation-driven development strategy, but also an important measure to promote the deepening of educational reform and innovative development of universities. As an applied discipline, the environmental design major has seen a surge in the number of related majors and design practitioners in design universities in my country in recent years. Design education also emphasizes professionalism, systemicity, and innovative practicality. To implement international training and create innovative talents, we need to uphold an international vision, establish a new concept of talent training, optimize professional curriculum settings, and integrate with the international certification system. This paper specifically explores and analyzes the cultivation of international innovative talents in the context of innovation-driven environmental design education in universities from the above aspects.

1. Introduction

Focusing on the national strategic needs of "mass entrepreneurship and innovation", the supply-side structural reform of my country's higher education has become one of the important tasks of college reform. In this context, how to make use of the advantages of the Internet information age for environmental design majors in universities and integrate innovative and entrepreneurial concepts into the training of environmental design professionals is of great significance [1]. Facing the needs of the times to build an innovative country and a country with a strong human resources, the importance and urgency of cultivating innovative talents has become increasingly prominent. It is imperative to build a scientific and reasonable double-creation talent training system and cultivate innovative and entrepreneurial talents that meet social needs [2]. my country's strategic transformation from a major engineering country to a powerful engineering country urgently needs a large number of innovative engineering talents. The solution of complex environmental problems especially requires compound talents with strong engineering practice ability, innovative consciousness and international vision. The cultivation of environmental design undergraduate talents poses new challenges [3]. The socialist market economy has a large demand for environmental design talents, which has promoted the vigorous development of environmental design education. Environmental design education in our country has entered the stage of development and is gradually becoming mature.

As an applied discipline, environmental design has witnessed a sharp increase in the number of relevant majors and design practitioners in design universities in China in recent years. Design education is also more professional, systematic and innovative. Environmental design specialty is an interdisciplinary comprehensive specialty, involving two major fields of art and science. It is characterized by multi-disciplinary and strong permeability [4]. Based on the development process of enterprise education in China, this paper analyzes the current situation of enterprise education mainly based on the environmental design specialty in universities, and explores the construction of [5], a new mode of environmental design professionals training in the "Internet plus" era. Based on the new training concept of "facing engineering, international cooperation, improving innovation

and focusing on compound", we take a series of training measures to build a "engineering and international" undergraduate innovative talent training mode of environmental design [6]. In the face of the trend changes and characteristics under the new normal of economic development, accelerating the cultivation of international innovative talents is not only an urgent need to realize the innovation driven development strategy, but also an important measure to promote the deepening of educational reform and innovative development of universities. With the idea of educational internationalization, integrating high-quality educational resources at home and abroad, innovating talent training mechanism, optimizing talent training mode and broadening talent training channels are of great significance for improving talent training quality, meeting diversified and compound international talent training needs and promoting discipline and specialty development [7].

2. Exploration of innovative talent training mode

2.1. Innovative personnel training measures

Innovative talents refer to those who have innovative thinking and innovative ability and can work creatively and solve practical problems. Although China's higher education has made great progress in foreign cooperation and exchange since the reform and opening up, there is still a big gap between China's higher education and the developed countries in the world from the perspective of cultivating innovative talents. Many factors are seriously restricting the cultivation of innovative talents in universities. Comprehensively deepen educational reform, implement the task of innovative talent training, take promoting quality education as the theme, improving talent training quality as the core, and focusing on innovative talent training mechanism, promote the close integration of environmental design education with science and technology, economy and society, and help speed up the training of new environmental design talents with international vision.

International training refers to an education model that makes full use of international advanced educational concepts and excellent educational resources to train innovative talents with an international vision and sense of responsibility in accordance with international talent standards. To cultivate innovative talents, we must have an international vision, build an international curriculum system, and build an international social practice platform. To implement international training and cultivate innovative talents, we need to follow the laws of higher education and talent training, look at the world, learn from the advanced experience of higher education that cultivates innovative talents from all countries in the world, and actively explore the cultivation of innovative talents with Chinese characteristics. New model [8]. Explore the talent training mechanism of cooperation between universities and multinational companies, use the resources of both parties to build a practical teaching platform open to students, provide students with opportunities to participate in design practice and international design competitions, broaden their horizons, improve skills, and improve the practical training and teaching system. The cultivation of international talents depends on the internationalization of the teaching staff. Only high-quality teachers can train first-class international talents. Therefore, it is necessary to build an international faculty team. Learn from the foreign student-oriented service management system, establish a teaching management and evaluation mechanism that matches the training of international talents, and implement international standards as much as possible to promote international exchanges and cooperation. To implement international training and cultivate innovative talents, we need to follow the laws of higher education and talent training, look at the world, learn from the advanced experience of higher education that cultivates innovative talents from all countries in the world, and actively explore the cultivation of innovative talents with Chinese characteristics. New model.

2.2. Originality

Innovative entrepreneurship education originated from developed countries in Europe and America, and has a history of more than 70 years. Since 1990s, China has formulated various measures and gradually improved them, carried out various international and national innovation

and entrepreneurship activities, encouraged and promoted universities to carry out enterprise education, and created an increasingly superior practice platform and policy environment. A short-term course project on global environmental sustainable development was established, and a new teaching mode of "case-based, research-based and practical" based on international cooperation was constructed [9]. We have established a Sino-foreign cooperative teaching platform with high-level universities at home and abroad, such as Pennsylvania State University, Helsinki University of Finland, Nanjing University, etc., introduced advanced teaching concepts and methods from foreign universities, created a short course project on global environmental sustainable development and successfully held four sessions, and constructed a new teaching mode of "case-based, research-based, practical and internationalized" for new international cooperation. Under the transformation of knowledge production mode, paying attention to practice and innovation from the perspective of development, the internationalization of curriculum system has become an essential factor for the breakthrough development of design practice innovation system.

In the course, the results of innovation and entrepreneurship can be incorporated into the credit system, emphasizing the importance of innovation and entrepreneurship. Education can be carried out in an open and innovative way to attract students' attention and motivate students. In the teaching process, teachers should pay attention to personalized training, so that students have the ability of positive thinking and master the initiative of entrepreneurial practice. Figure 1 shows the role of active entrepreneurship education in improving college students' entrepreneurial quality.

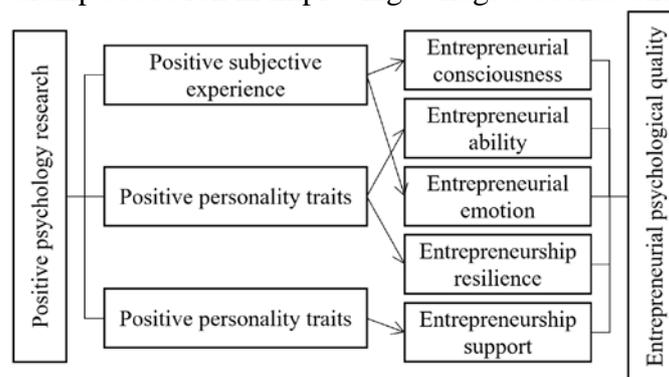


Figure 1 The role of active entrepreneurship education in improving college students' entrepreneurial quality

enterprise education refers to the training of talents with basic and pioneering qualities of independent entrepreneurship in universities. my country has revised its environmental design undergraduate talent training program and established a curriculum system for cultivating "engineered and internationalized" environmental design undergraduate innovative talents. International courses are advanced, open and shared, and conform to the development concept of the new development concept. Cooperation in running schools at home and abroad, joint courses with international characteristics, and integration of international perspectives can stimulate students' enthusiasm for professional learning and improve their professional qualities. It is also an important way to cultivate innovative and compound talents [10]. The teaching methods of environmental design education under the background of the transformation of the knowledge production model are constantly changing, and the teaching methods and teaching content should also undergo innovative reforms. Situational teaching, experimental teaching, and modernized information teaching will be gradually adopted. The way to expand, and the online course under the development of Internet technology.

3. Training of environmental design professionals under the guidance of "double innovation" education

3.1. Training goal of internationalized innovative talents in environmental design specialty

Economic globalization has prompted the educational resources of various countries to gradually

break through the limitations of national boundaries and freely flow around the world, thus leading the world-class universities to attach great importance to the international education mode. The environmental design major requires students to pay equal attention to innovative thinking and practical ability, and to test whether the knowledge application ability meets the professional requirements in practice. As an interdisciplinary comprehensive major, how to cultivate environmental design talents with wide knowledge, strong comprehensive ability and innovative thinking ability is the focus of professional construction. The training of internationalized innovative talents in environmental design major should break the professional barriers between universities, organize and coordinate the exchanges and cooperation between teachers at home and abroad, adjust and reorganize majors and courses, and realize resource sharing. Explore international training mechanism, enhance students' innovative spirit and ability, highlight practical teaching, and strengthen innovative thinking and ability training. Set up an international faculty with innovative thinking and ability, participate in the international credit mutual recognition system, and provide institutional guarantee for international training.

Throughout the world, first-class universities focus on cultivating students' independent thinking ability, strong curiosity and creative quality, pay attention to the combination of Arts and Sciences and interdisciplinary training, and advocate both scientific spirit and humanistic spirit. Education should face the society, strengthen the close relationship between education and society, formulate international training programs, and establish a new concept of talent training. While strengthening quality education, we should pay attention to cultivating students' awareness of international concept, international competition and international cooperation. By establishing a new mode of international innovative talent training, we can realize a modular, project-based, innovative and order based talent training mechanism and improve the professional core competitiveness.

3.2. Strengthen environmental construction and create an innovative cultural atmosphere

Strengthen the construction of international training environment and create a good atmosphere to encourage innovation. universities should actively promote the establishment of international cooperative relations, join the international certification system, learn from foreign training models, create overseas experience and learning, and constantly improve the international training environment. We should create an atmosphere that advocates and encourages innovation in the whole society, create an educational environment conducive to the personality development of innovative talents, create a public opinion environment that widely supports the emergence of innovative talents, establish the concept of daring to be the first in the world, and advocate a good innovation cultural atmosphere that encourages innovation, encourages rise, tolerates individuality, tolerates failure, unity and cooperation. Actively carry out the reform of teaching methods, strive to promote inquiry, discussion and participatory teaching suitable for international education, encourage teachers to integrate international cutting-edge design concepts, the latest design works and practical experience into classroom teaching, pay attention to cultivating students' critical and creative thinking, and stimulate students' design inspiration. The relationship between environmental construction and enterprise education is shown in Figure 2.

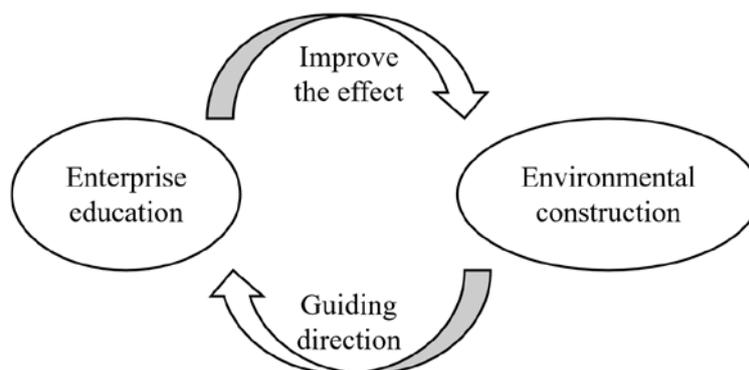


Figure 2 Relationship between environmental construction and enterprise education

Improve the management service and evaluation mechanism of innovative talents, establish a selection index system that is conducive to the emergence of innovative talents, and enable the comprehensive evaluation index system of innovative talents to shift from simply assessing the merits of innovative talents based on academic performance to focusing on academic performance and comprehensive ability. The overall quality and development potential have changed. In universities, a campus culture that encourages innovation should be used to advocate the spirit of respecting knowledge, advocating academics, encouraging top-notch, and pursuing excellence to cultivate students' innovative spirit and ability.

4. Conclusions

Under the guidance of enterprise education, students' professional superiority is more obvious, their knowledge is integrated and diversified, and they have the characteristics of talents in the new era. In the era of knowledge economy, environmental design education is influenced by the coexistence of various knowledge production modes under the joint action of different disciplines and different fragmented knowledge. Innovative entrepreneurship education integrates the talent training mode of environmental design major in universities, which enables college students to get exercise before graduation and employment, clarify the employment direction, and enter the career planning ahead of time. With the evolution of knowledge production mode, the discipline system of environmental design specialty, the way of spreading design knowledge, and the demand of market and society for design talents will also be reformed and innovated in order to adapt to its laws. In the process of reform, constant thinking and gradual infiltration will make the cultivation of innovation and practical ability more conscious and inclined. We should uphold the international vision and establish a new concept of personnel training; Optimize the professional curriculum and conform to the international certification system; Explore the international training mechanism to enhance students' innovative spirit and ability; Building an international teaching staff to promote the cultivation of innovative talents; Strengthen the environmental construction and enhance the innovative cultural atmosphere.

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