

Exploration on the Operating Mechanism of "Four Wheel Driving" Mode for Cultivating Students Innovative and Entrepreneurial Ability in Applied Undergraduate Colleges

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Abstract. Based on the current situation of innovative entrepreneurship in applied undergraduate colleges and universities, combining professional education with innovative entrepreneurship education, the paper puts forward that through innovative entrepreneurship theory education, laboratory simulation training, students participate in subject skill competition and innovation entrepreneurship competition. The "four Wheel driving" mode of college students' innovative entrepreneurial ability training is discussed in the paper, and the operating mechanism of the mode is also discussed. It is pointed out that the school should establish a reasonable management mechanism of innovative entrepreneurship education, a cooperative education mechanism, a practical training mechanism for innovating entrepreneurial talents, a training mechanism for entrepreneurial mentors and an effective mechanism for students to participate in innovative entrepreneurial activities, and stimulate students innovative and entrepreneurial consciousness, train students innovative entrepreneurial skills, and to improve students ability to innovate and set up new businesses.

Introduction

Innovation is the motive force to promote social progress for thousands of years and the theme of the development of the new era. Throughout the history of world development, from the four ancient civilized countries to the super developed countries, they all rely on innovation to obtain scientific and technological progress and development. Innovation is the innovation of people with a certain knowledge system, relying on people with knowledge, ability and pioneering spirit to change reality, innovative ideas, innovative technology, innovative thinking, and create results. The key to innovation lies in human beings. The key to national innovation development is the support of talents with the ability to innovate. Colleges and universities are important bases for the cultivation of innovative talents and incubating bases for innovative talents. How to cultivate innovative talents in colleges and universities is a proposition worthy of further discussion and a necessary support for the realization of national innovation-driven development strategy. Innovative entrepreneurship education is not to emphasize specific entrepreneurship and innovation results, its most essential purpose is to mobilize the enthusiasm of all people to create and innovate. Based on the practical exploration of innovation and entrepreneurship in applied undergraduate colleges, the paper puts forward the "four wheel drive" mode of cultivating college students' innovative and entrepreneurial ability, and thinks about the mechanism of how the mode works.

Explore the Connotation of the "Four Wheel driving" Mode for Cultivating the Ability of Innovation and Entrepreneurship.

The "four Wheel driving" mode of cultivating students' innovative and entrepreneurial ability in applied undergraduate colleges and universities is "popular innovation" in our country. Under the social background of innovation driving development strategy, the model of talent training is put

forward based on the practical practice and exploration of talents cultivation in applied undergraduate colleges and universities. "four Wheel driving", that is, through the four links of innovative entrepreneurship theory education, laboratory simulation training, subject skill competition and innovation entrepreneurship competition, entrepreneurship success case education and the establishment of enterprise entrepreneurial practice, to stimulate students' innovative entrepreneurial awareness. And then train students' innovative and entrepreneurial ability, encourage students to actively participate in innovative entrepreneurial practice, to improve students' ability to innovate and start businesses, promote the development of innovative entrepreneurship in applied undergraduate colleges and universities, and train innovative talents suitable for the needs of social employment. The "four Wheel driving" mode is to combine knowledge imparting, ability training and quality education. While continuing to strengthen the basic theory education, we should pay more attention to the cultivation of students' practical and applied ability, while continuing to strengthen the basic theory education, at the same time; we should pay more attention to the cultivation of students' practical application ability. Gradually from the traditional basic theory teaching to the practical application ability cultivation, from the past only paying attention to the basic knowledge mastery to the practice application ability enhancement, causes the talented person training to be closer to the economic and social development to the talented person request, It is more in line with the characteristics of application-oriented talents, so as to stimulate students enthusiasm and initiative in participating in the practice of innovation and entrepreneurship, so that students can really learn something, gain something, be useful, and use their strengths. Students can really graduate employment, can set up a career, can start a business, become a useful talent for social and economic development.

Build the Operation Mechanism of "Four Wheel Drive" Mode to Cultivate the Ability of Innovation and Entrepreneurship.

On the basis of exploring the theory and practice of the reform of the training mode of professional talents, the operating mechanism of the "four Wheel driving" mode for the cultivation of innovative entrepreneurial ability should be based on the schools, society, enterprises and secondary colleges. The six responsible subjects and their specific tasks of cultivating innovative entrepreneurial ability between teachers and students, combined with the characteristics of innovative entrepreneurship implementation and the requirements of cultivating applied talents, establish a scientific and reasonable operating mechanism to realize the combination of classroom and extracurricular. Combination of school and outside, combination of theory and practice, combination of teachers and students, combination of learning and ability improvement, breaking professional restrictions and institutional barriers, full mobilization of enthusiasm of schools, secondary colleges, teachers and students, establishment of corresponding management system, Straighten out the relationship among the main bodies, arrange the work flow of innovation and entrepreneurship, form a good working mechanism and management mechanism, and form a good mechanism for teachers and students to participate in the training of innovative entrepreneurial talents.

The School Should Establish the Reasonable Innovation Enterprise Education Management Mechanism.

The school should establish the strategic position of innovative entrepreneurship education, set up a special organization to manage the work of innovative entrepreneurship, set up the coordination mechanism, integrate the resources inside and outside the school, and promote the reform and upgrading of innovation and entrepreneurship education.

1. Reform the training goal and Curriculum system of Professional talents. The training goal and curriculum system of the talent training scheme is the top level design to promote the innovation and entrepreneurship of college students. If the talent training scheme is still based on theoretical education in accordance with the traditional mode of education in the past and does not attach importance to the cultivation of practical ability and skill operation, it will be difficult to train

applied talents to meet the real needs of the market economy. The employment problem of college students cannot be solved fundamentally. When making talent training plans, schools should include the basic courses of innovation and entrepreneurship and the courses of innovative entrepreneurship training combined with specialties into the training programs of talents, which can be divided into compulsory courses and optional courses. Each student must complete the required credits of innovative entrepreneurship courses before graduation.

2. Build up the innovation and entrepreneurship platform for College Students. The aim of the platform is to cultivate young entrepreneurs and outstanding talents of innovative entrepreneurship, and always adhere to the idea of "the source of innovation lies in practice, and the soul of entrepreneurship lies in innovation". Continuously deepening the innovative entrepreneurship education mechanism of "guiding people with education, training people with practice, edifying people with culture and encouraging people with mechanism", organically combining professional education with innovative entrepreneurship, subject skill competition, Strive to build quality service platform for students. In particular, it is necessary to build innovative entrepreneurship training laboratories and develop innovative entrepreneurship software so that students can exchange, debate and demonstrate their ideas on innovative entrepreneurship platforms. The project that can possibly be transformed into a business entity is provided with a full-time innovation tutoring instructor to follow up, and as far as possible to give the necessary help to students of innovative entrepreneurship. Schools should strengthen the construction of innovative entrepreneurship education facilities, strive to invest funds to establish innovative entrepreneurial training bases, innovative incubating bases, and provide the space, funds and personnel security for college students' innovative entrepreneurship.

3. Establish innovative Management system for Entrepreneurship. According to the requirements of national education policy and the actual situation of innovative entrepreneurship education, the school should establish the necessary work system and management system. the school should establish and improve the selection and evaluation system of innovation and entrepreneurship competition, the management system of innovative entrepreneurship mentors, the examination and approval system for university students' innovative and entrepreneurial projects, and the system for the construction and evaluation of entrepreneurial projects, standardize the process of innovating entrepreneurship education and practice, such as the management system of student projects in the incubating base for innovative entrepreneurship, the implementation of credit management measures for innovative entrepreneurial projects, and so on. The university students participating in the innovation and entrepreneurship competition and implementing innovative entrepreneurship projects are clearly stipulated in the activities of credit calculation, evaluation of awards and grants, selection of party activists, and so on. The school should ensure that all innovative entrepreneurial activities can support the cultivation of students' innovative entrepreneurial consciousness and ability, thus arousing the enthusiasm of college students to participate in innovative entrepreneurial activities.

The Second Level Institute Establishes the Innovation Enterprise Cooperation to Educate the Person the Mechanism.

Relying on the professional characteristics and the level of teachers, and relying on the advantages of discipline and specialty, each secondary college can build a creative and pioneering education system with full characteristics, and take the road of "integration of industry and education, cooperation between schools and enterprises, combination of work and study, integration of knowledge and practice". It is necessary for universities to strengthen cooperation with industry and enterprises, to establish and improve effective mechanisms for cooperation in running schools, cooperating in educating people, cooperating in employment, and to cooperate in development, and to promote innovative entrepreneurial practice within colleges, among colleges, and between schools and enterprises to achieve "complementary advantages," Seek common development, mutual benefit, realize win-win ". Set up the cooperation mechanism of school and enterprise to achieve the goal of cultivating innovative talents. According to the specialty attribute of subject and

the requirement of cultivating students' professional ability, every secondary college should take the initiative to establish a stable practice base, realize the organic combination of theoretical study and practical training of college students, and cultivate their innovative consciousness and entrepreneurial ability. Each secondary college should fully tap the resources of the province, expand the domestic market, establish a professional practice training base extensively, and provide a large number of opportunities for college students to broaden their horizons, understand the situation of national economic development and the development of national innovation and pioneering activities. Second level colleges have signed cooperation agreements with cooperative enterprises and institutions, such as "Cooperation Agreement on practical Teaching Base", "Agreement on Student internships", "Agreement on training and incubating Base for innovative and pioneering talents", etc., to establish cooperation, contact, negotiate and negotiate organizations, To achieve internship, project research, personnel training, commission training, technical services, information exchange, financial assistance for students in difficulty, etc., to clarify the rights and obligations of both sides, and to form a smooth cooperation mechanism. We will steadily promote the common development of schools and enterprises. Let students fully understand the needs of knowledge and ability in the real professional environment, enhance students' ability to adapt to occupation and work at work, cultivate students' spirit of entrepreneurship and innovation, and strive to enhance the employment competitiveness and quality of graduates, realize the integration of talent training, innovation, entrepreneurship and employment.

Establish a Training Mechanism for the Cultivation of Innovative and Entrepreneurial Talents.

In order to meet the needs of students' innovative entrepreneurship education, applied colleges and universities should make use of all kinds of capital resources to build a practical training platform for innovative entrepreneurial talents. In the process of practical education, we should make full use of the practical training platform to develop students' innovative entrepreneurial awareness and ability, and let students carry out demonstration of innovative entrepreneurship projects in the training room, business simulation operations, business negotiations, road show reports, innovation and entrepreneurship salon, Under the guidance of mentors, we are familiar with the process of innovative entrepreneurship, the specific requirements of each link, experience the whole process of project management, and make clear the ability needs and technical support in innovation and entrepreneurship. Learn the skills of market research, project design and processing, project application and demonstration, market prospect analysis, financial and budget analysis, financing and risk management, business strategy decision, etc. In the course of simulated operation, we can understand the specific requirements of project management, and lay the foundation for students to engage in innovative entrepreneurial activities in the future. In addition, send students to the joint venture workplace for practical training, in a real environment to experience project operation and management.

Establish Innovative Entrepreneurial Mentor Training Mechanism.

The school should pay special attention to the construction of innovative tutors' team, build up a team of multi-skilled teachers, and improve teachers' ability of guidance and guidance of innovative entrepreneurship. Teachers are the first element of talent training. Any teaching thought, teaching concept, teaching method, teaching measures can only be carried out through teachers, and the quality and level of teachers can be carried out. Enthusiasm and initiative determine the extent and effectiveness of implementation. On the one hand, we should actively explore the ideas, methods and paths of cultivating applied talents, reform curriculum, time allocation and evaluation mechanism, cultivate students' awareness of innovation and entrepreneurship and improve the level of innovative entrepreneurial skills. On the other hand, we should actively strengthen the construction of teachers' ranks, and further strengthen the construction of "double qualified" teachers after the formation of the "four Wheel driven" mode system of innovative entrepreneurial

ability, and train a group of innovative and entrepreneurial mentors with actual combat ability. At the same time, local well-known enterprise managers are hired as tutors of innovation and entrepreneurship outside school to provide strong and effective teachers' guarantee for the implementation of the "four Wheel driven" mode system for the cultivation of innovative entrepreneurial ability.

1. We will step up the introduction and employment of teachers. According to the teaching needs of the "four Wheel driving" mode of discipline construction and innovation and pioneering ability, and in accordance with the policy of introducing talents in schools, we can introduce the working experience of existing enterprises and institutions through various ways. In addition, outstanding talents with master's degree or above have joined the school as trainers for innovative entrepreneurship training, especially those who have successfully engaged in innovation and entrepreneurship in schools, so that they can share the theory and practice of business with students. It is essential to enhance the affinity and infectivity of innovative entrepreneurship teaching and stimulate the enthusiasm of students to participate in innovative entrepreneurship. At the same time, the excellent local entrepreneurs should be employed as the teachers of innovation and entrepreneurship outside the school. By using their experience in the actual battle in the market, the students' awareness of entrepreneurial ability should be cultivated, and the students should be guided to participate in the innovation and entrepreneurship.

2. Strengthen the training of innovative entrepreneurial mentors on campus. The school should establish a training system for innovative entrepreneurship mentors and provide more support for the growth of mentors in terms of funds and opportunities. Arrange for teachers to study for degrees, visit domestic students, study courses, pre-job training, short-term training, academic exchanges, corporate practice training, innovative entrepreneurial consultant training, the training of innovative entrepreneurship counselors can improve teachers' understanding of innovative entrepreneurship education and guide students to participate in innovative entrepreneurial activities. We should implement the "double-qualified" teacher construction system, arrange 3-5 teachers to work in enterprises each year, contact enterprises extensively, grasp the trends of enterprises, and encourage young teachers to take up positions in the corresponding industries, obtain the professional qualification certificate of national certification, improve the ability of teachers to carry out innovative entrepreneurship teaching and guide students innovative entrepreneurial practice.

Establish an Effective Mechanism to Stimulate Students to Participate in Innovative Entrepreneurial Activities.

The main object of innovative entrepreneurship education in universities is college students. The key to success or failure of innovative entrepreneurship education is to establish a scientific and reasonable guiding and supporting mechanism for innovative entrepreneurship and to stimulate students to participate in innovative entrepreneurial activities. Through the policy support, financial support, place support and personnel support to students' innovative entrepreneurial activities, the school should stimulate students' enthusiasm for participating in innovative entrepreneurial activities, and give full play to the promotion of training by competition, the promotion of learning by competition, and the promotion of teaching by competition. Based on the teaching concept of Sadie, the students realize the importance of innovative entrepreneurship education to their growth, and attach importance to innovative entrepreneurial activities ideologically. First, it is necessary to strengthen the education of students' creative and entrepreneurial thinking, and to make students realize the importance of innovative entrepreneurship to employment and life achievement through the teaching of innovative entrepreneurship basic theory, and to require students to take some basic courses of innovation and entrepreneurship. Second, it is necessary to set up a student innovation and entrepreneurship association, encourage students to participate in the association activities, enhance students' awareness of innovation and entrepreneurship, cultivate students' innovative entrepreneurship and practical ability, and support the innovative and entrepreneurial association by guiding, training, fostering and supporting its activities. It is important to form a good innovative

entrepreneurship education environment in the campus. Third, through the management of innovative entrepreneurship credit system, students who take part in innovative entrepreneurship training to complete the task of the project and students who have received different equal awards in the innovation and entrepreneurship competition are given certain credit awards. Some elective courses are replaced by innovative entrepreneurial credits to solve the contradiction that students' participation in innovative entrepreneurial activities affects the study of elective courses.

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