

The Innovation and Entrepreneurship Ability Improvement for University Students

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Abstract

In order to realize the transformation of China's economic development into an innovation-driven one, the cultivation of university students' innovation and entrepreneurship is an important influencing factor. Therefore, improving the service system for university students' innovation and entrepreneurship is an effective driving force to promote the improvement of university students' innovation and entrepreneurship ability. This paper analyzes the factors that influence the success of university students' innovation and entrepreneurship and puts forward the corresponding solutions to these problems and the cultivation system of university students' innovation and entrepreneurship ability.

Keywords

Evaluation System; Innovation and Entrepreneurship; Practice Platform; Construction of Cognitive System.

1. Introduction

China's university students' education should follow the development of the Times. Therefore, university students should not only complete the traditional education such as academic education and vocational education [1], but also receive the third education, namely, innovation and entrepreneurship education. This has become an important topic and universal consensus of higher education in the world. With the rapid development of science, technology and economy in today's society, innovation is the core force of a country's development. The reform makes the national economy release new development forces. Therefore, we should seize the innovation-driven development strategy, vigorously cultivate the innovation and entrepreneurship ability of university students, and cultivate a steady stream of development power for the country in the future. In the process of promoting innovation education and teaching in an all-round way in the spirit of the 19th CPC national congress, we will train more outstanding innovative scientific and technological personnel for the country, lay a solid foundation for the development of China's manufacturing industry, scientific and technological innovation and even sustainable economic development, and promote the formation of innovation-driven forces and the development of China's science, technology and economy. Universities shoulder the glorious task of cultivating the future leaders of the country. Deepening the reform of university education is the main source of China's innovation drive, and university students' innovation and entrepreneurship training is the main object of university students' innovation and entrepreneurship reform. Therefore, improving university students' innovation and entrepreneurship ability training is an important part of deepening university education reform. At present, universities all over the country have conducted a certain degree of discussion and practice on the cultivation of university students' innovation and entrepreneurship ability, and have obtained preliminary results. The cultivation of university students' innovation and entrepreneurship has its unity, and it also has its

differences according to different regions and majors. Therefore, an innovation and entrepreneurship cultivation system that can uniformly guide the cultivation of innovation and entrepreneurship in various universities and give play to their particularity will play an important role in the cultivation of university students' innovation and entrepreneurship ability. For example, mechanical automation is a multidisciplinary industry. The promotion and development of mechanical industry are related to the economic lifeline of the country. Therefore, it is of great practical significance to set up an effective training system for innovation and entrepreneurship according to the characteristics of mechanical engineering major, and train professional graduates with stronger innovation and entrepreneurship ability for the broad employment prospect, so as to contribute to the dream of manufacturing power in China.

2. Current Situation of Cultivating University Students' Innovation and Entrepreneurship Ability

In order to follow the trend of The Times, catch the train of another industrial revolution, and accelerate China's innovation-driven development, major university groups have initiated and organized groups to cultivate contemporary university students' awareness and ability of innovation and entrepreneurship, and cultivate useful innovative scientific and technological talents for the country's economic progress. University students are the stars of hope for the country's development and growth, and important pillars of the country's future. Therefore, they are the main object of innovation and entrepreneurship education, and even an important force for the country's economic development [2]. Therefore, how to improve the innovation and entrepreneurship ability of university students is of great significance. First of all, we should focus on developing university students' innovation consciousness and improving their innovation and entrepreneurship ability. Secondly, entrepreneurship can promote employment and provide new and powerful impetus for economic growth, which is conducive to China's economic transformation [3]. Finally, it will help accelerate the supply-side reform of China's economy, generate new sources of economic development, and facilitate the smooth transition of China's economic development to innovation-driven development. This paper analyzes the existing problems of university students' innovation and entrepreneurship from three aspects, namely, the improvement of university students' own ability, the improvement of university students' innovation and entrepreneurship training environment, and the government's encouragement and support policies. This paper further proposes methods to improve university students' innovation and entrepreneurship ability training.

2.1. University Students' Self Problem

At present, the innovation and entrepreneurship groups of university students have problems to be improved. First of all, according to the data of innovation and entrepreneurship, the proportion of university students in developed countries is as high as 30% each year, while the participation rate of innovation and entrepreneurship in China is only 5% [4], far lower than that of other countries, and the failure rate is also high, indicating that the awareness and ability of innovation and entrepreneurship of university students in China need to be further improved. The weak awareness of innovation and entrepreneurship of domestic university students is inseparable from the traditional exam-oriented education in China, and most of the Chinese people are influenced by the traditional education philosophy, and take the stability of life income as the goal of life, and exclude the innovation and entrepreneurship activities with high yield and poor stability of risk from the stable life. Moreover, there are many potential unknown risks in innovation and entrepreneurship, making parents and university students have low confidence in innovation and entrepreneurship. As a result, the degree of university students' participation and family support is low, which to some extent reduces the development level

and speed of university students' innovation and entrepreneurship ability. Secondly, most university students have low innovation and entrepreneurship ability. Due to the knowledge and skills needed for university teaching a lot of irrelevant to the development of the society, makes the students their own professional technical ability can't represent the contemporary science and technology and the innovation entrepreneurship skills very well, cause most of the students in addition to deal with a large number of old and useless knowledge classroom learning, less energy distribution and innovative entrepreneurial skills improve, make the low level of university students' innovative undertaking, a vicious cycle of most in copy, just blindly follow the competition through the motions, not really to innovate business, lead to innovative undertaking high failure rate. Through the data survey of "innovation and entrepreneurship competition" in various universities across the country, the majority of university students do not have a correct understanding of the connotation of "innovation and entrepreneurship competition", resulting in its low participation rate and poor quality of participation. This shows that university students need to improve their awareness and ability of innovation and entrepreneurship.

2.2. Innovation and Entrepreneurship Training System in Universities

Universities are the implementer of promoting the cultivation of university students' innovation and entrepreneurship awareness and ability, as well as the quality guarantee of innovation and entrepreneurship cultivation. Therefore, universities are crucial to the cultivation and improvement of university students' innovation and entrepreneurship ability. The establishment of a more complete innovation and entrepreneurship cultivation system is an important way to cultivate university students' innovation and entrepreneurship ability. Through investigation, it is found that the innovation and entrepreneurship training system in universities has the following problems: The service system for innovation and entrepreneurship needs to be improved. At present, university students have a relatively shallow understanding of the cultivation of innovation and entrepreneurship. Due to lack of experience, it is difficult to understand and make a certain level of achievements in innovation and entrepreneurship within a limited time. The innovation and entrepreneurship service system should be improved to better serve the innovation and entrepreneurship of university students, so that university students can avoid multiple detours in a limited time and lose confidence in innovation and entrepreneurship. The adhesion between innovation and entrepreneurship training and university courses needs to be improved. Through to the university students' innovative entrepreneurial activity survey found that about university students' innovative entrepreneurial training subject position is not accurate, and it is difficult for university students' daily learning cohesion, lead to students' daily learning the innovative entrepreneurial needs, innovation is completely dependent on other needed professional self-study, lead to the low degree of professional innovative entrepreneurship education training system, systemic and normative is uneven, it set up for university students' innovative undertaking ability development huge obstacles. As a university student cultivator, universities only adjust the course setting without substantial changes, fail to meet the core needs of university students' innovation and entrepreneurship training, and fail to take concrete and feasible measures, which leads to the imperfection of university students' innovation and entrepreneurship training system, weak operability and temporary failure to reach the ideal state. Therefore, it is necessary to create a new university curriculum system closely following the development of The Times, increase the degree of adhesion between innovation and entrepreneurship training and university curriculum, so that university students can make use of what they have learned and what they are good at in the process of innovation and entrepreneurship, and truly effectively "promote learning through application" and "combine competition with teaching".

2.3. Government Support Needs to Be Further Enhanced

The state has proposed innovation-driven development as a bright road for the country's future development, but it is still in the early stage of innovation and entrepreneurship cultivation, and the relevant policy system still needs to be improved. First, government policies are less targeted. Since the university students' innovative undertaking put forward, the government launched a series of corresponding policies, however, a considerable part of a guidance, policy is simply a lack of rules of the system, have not formed a complete system of operational system, thus in the policy appear a series of problems in the process of actual landing, the effect of the policy is not strong. In addition, still need to be further related innovative venture capital support, in the process of concrete innovation entrepreneurship, there are quite a number of innovative entrepreneurial project because of insufficient funds to make it halfway died, because of lack of funds not only lead to innovative entrepreneurial operation difficulty, more time will cause unnecessary panic and innovative entrepreneurs arrange energy error. Finally, the relevant government supervision system needs to be improved, because in the process of university students' innovation and entrepreneurship, the national project support funds are squandered by bad projects due to the lack of relevant experience of university students or the problem of bad district grants, etc., while the quality projects are not supported.

3. Methods for Improving University Students' Innovation and Entrepreneurship Ability

The above part analyzes the problems existing in the cultivation of university students' innovation and entrepreneurship, and this paper puts forward a series of Suggestions for improving the cultivation of university students' innovation and entrepreneurship ability. By improving the innovation and entrepreneurship environment of university students, improving their innovation and entrepreneurship literacy, increasing their innovation and entrepreneurship resources and other aspects to improve their innovation and entrepreneurship ability and the success rate of innovation and entrepreneurship.

3.1. Universities Should Improve the Innovation and Entrepreneurship Training System

Integrate university curriculum training and innovation entrepreneurship training. University of entrepreneurship and innovation should break the status quo of its innovation service and the service innovation, should from the innovative entrepreneurial awareness training, innovative entrepreneurship training, innovative entrepreneurial skills training three aspects to reconstruct undergraduate course system, make innovation entrepreneurship education and promote each other daily course, avoid innovation entrepreneurship education out of the university students' daily from the university students' own development path, thus increasing the connection degree of university students' own development and innovation business, eliminate the phenomenon of university students' vocational training and cultivate innovative undertaking island, make the university students' humanistic education, vocational education, innovation education, complement each other. Each university specialty creates and sets up an all-round university student cultivation system according to its own situation, which builds the foundation stone for university students' self-development and improvement of innovation and entrepreneurship abilities. And at the same time improves university students' soft power, professional ability and innovation and entrepreneurship ability. We will improve the evaluation system for university students' innovation and entrepreneurship. The improvement of university students' innovation and entrepreneurship ability should have accurate and effective evaluation criteria, so that university students' innovation and entrepreneurship system can get timely feedback and improvement. Therefore, the evaluation system of university students' innovation and entrepreneurship should be improved from the

construction of faculty team and evaluation system. First, optimize and adjust the structure of the teaching staff, carry out teacher training for innovation and entrepreneurship, improve the professionalization and professionalization of relevant teachers, and create a virtuous circle. As a feedback institution, give Suggestions on the optimization of the evaluation system for innovation and entrepreneurship, and establish a complete feedback system.

3.2. Improve Students' Abilities

According to the cultivation experience of foreign university students in innovation and entrepreneurship, the innovation and entrepreneurship consciousness of university students is the premise and knowledge and skills are the core. Due to the current selection of university entrance examination in China, most students lack innovative thinking and methods. So it is difficult to inspire the fearless spirit of eliminating old innovations and challenging difficulties. Therefore, a series of measures should be taken to enhance university students' confidence in innovation and entrepreneurship, to set up successful models of innovation and entrepreneurship and publicize them, and to actively guide them by shaping successful models. Open creative thinking education, guide students to adopt the advanced first-class planning practice of creative thought process, avoid blind brings the problem of high failure rate of the innovative undertaking, so as to stimulate students' entrepreneurial spirit, god have confidence in university students' innovative undertaking, lead university students actively and effectively into talents of innovative undertaking and achieve innovative entrepreneurial journey. Among them, improving university students' confidence in innovation and entrepreneurship is an important prerequisite for cultivating innovative and entrepreneurial talents. At present, due to the influence of family education and school education before university students, make the university students' innovative entrepreneurial confidence is low, the innovation of the cause caused by a lack of confidence and cause a startup is not successful, should make students understand innovative venture will not be smooth, as long as the efforts will be rewarded, adopt scientific innovation entrepreneurship guidance method can greatly enhance entrepreneurial success, innovative pioneering new confidence and improve the success rate of entrepreneurship and innovation, by universities and the government's policy for university students' innovative undertaking laid sunshine avenue, dispel its innovation entrepreneurship is difficult to the idea of success, only to take part in the game, so as to increase the success rate of university students' innovative undertaking, We will increase the participation rate of university students in innovation and entrepreneurship. In addition, improving the innovation and entrepreneurship ability of university students will have a strong driving effect on national innovation and entrepreneurship activities. The improvement of university students' innovative and entrepreneurial ability should be carried out from the aspects of innovative and entrepreneurial spirit, innovative and entrepreneurial thinking, and innovative and entrepreneurial knowledge and skills. Through the cultivation of university students' innovative and entrepreneurial spirit, we can make them keep their enthusiasm in the face of difficulties and never give up easily. Cultivate innovative, scientific and effective innovative and entrepreneurial thinking of university students, so that the overall control of university students' innovation and entrepreneurship is more scientific, such as the first principle and other advanced thinking, so that university students' innovation and entrepreneurship process has a stronger development of self-control, avoid the teacher said step by step mechanical innovation; Cultivating university students' innovative entrepreneurial skills, making the university students' innovative entrepreneurial process and the integration of university of higher education, make its precious four years to learn to put this to use, and make it creative achievements and social practice, to realize the public entrepreneurial innovation at the core of power, have direct effects on national and social development, and for the development of university students to lay a solid foundation.

4. Summary and Prospect

University students are not only the future masters of the country, but also the hope of the country. They are the main force for the country to achieve innovation-driven development through innovation and entrepreneurship education. Since the development of university students' innovation and entrepreneurship formats leads the development of national public innovation and entrepreneurship, it is of great importance to improve university students' awareness and ability of innovation and entrepreneurship. This paper proposes to improve the innovation and entrepreneurship strength of university students from the three aspects of the country, universities, and students themselves. In addition, enterprises should also become a strong promoter of innovation and entrepreneurship of university students, so as to establish a more perfect innovation and entrepreneurship training system. This paper puts forward that how to increase the adhesion between university students' innovation and entrepreneurship training and university education, so as to further improve university students' innovation and entrepreneurship ability, should be further studied.

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