

Original Paper

Analysis on the Path to Improve College Students' Innovation

Ability

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Abstract

The core elements of innovation or creativity mainly include creative thinking and creative personality. Universities should start from the perspectives of collaborative participation, service and publicity, establish a sound innovation education mechanism, link up professional teaching, develop characteristic entrepreneurship and innovation courses, build diversified entrepreneurship and innovation practice platforms, and hold entrepreneurship and innovation competitions, so as to promote college students to accumulate knowledge, skills and experience in innovation and entrepreneurship in practice.

Keywords

education mechanism, college students, innovation

The core elements of innovation or creativity mainly include creative thinking and creative personality. From the perspective of core literacy, innovation literacy is the comprehensive expression of innovative knowledge, innovative thinking, innovative attitude or character. These definitions of innovation literacy mainly include key components such as creative thinking and creative personality. Carry out innovative education for college students is not only a necessary measure to cultivate compound talents for the society, but also can change the employment concept of students, so that they can form a good entrepreneurial consciousness and entrepreneurial ability, and realize the multiplier effect of employment. Therefore, Schools should rely on the background of mass innovation and innovation, inject new ideas and build new platforms, actively coordinate the work of college students' innovation education, improve the systematization and planning of mass innovation and innovation education as a whole, provide high-quality resources and environment, and accumulate entrepreneurial experience.

2. The Significance of Improving Innovation Ability

2.1 Help to Strengthen the Comprehensive Quality of Students

From the perspective of the previous college education and teaching, education is still stagnant in the old mode of "imparting knowledge-receiving knowledge", which ignores the impact on students' attitude, personality, methods and other aspects, and is out of touch with the social reality, unable to reflect the comprehensive elements of talent training. The connotation of innovative education is very rich, including both the explicit content of mass innovation and innovation, and also covers the key abilities and qualities of students to adapt to the needs of social development, such as social responsibility, the ability to resist pressure and frustration. Strengthening the implementation of innovative education in the context of mass entrepreneurship and innovation is conducive to strengthening the comprehensive quality of students. Make them emphasize character, good communication, able to work and innovative, so as to promote the all-round development of college students' comprehensive quality.

2.2 Help to Ease the Employment Pressure of Students

At this stage, as the number of college graduates increases year by year, while the market labor demand decreases correspondingly, resulting in a more severe employment situation for college students. According to the survey data, college students generally lack the concept and consciousness of self-employment, lag in receiving market information, insufficient planning for innovation and entrepreneurship, and the fierce competition in the job market, it is difficult for students to find a career orientation. Resulting in the process of employment encountered more resistance. Promoting college students' innovation education is conducive to easing the employment pressure of students. During the period of campus education, Schools can build innovation and entrepreneurship guidance platforms for students, closely combine mass entrepreneurship and innovation education with career development planning, and expand students' contact with innovation and entrepreneurship activities through the opening of the second and third classes. Make them have the consciousness, knowledge and action power of starting their own business, and change their pessimistic views on the trend of entrepreneurship. In this way, more college students will build up the confidence from workers to entrepreneurs. After the learning and experience of mass entrepreneurship and innovation in school, the success rate of students' future entrepreneurship will be greatly improved, which not only solves their own employment problems, but also creates jobs. So as to really improve the difficult situation of employment.

2.3 Promote the Construction of An Innovative Country

To achieve this goal, education is the foundation, talent is the core, and science and technology is the guarantee. Higher education is regarded as the combination of talent first resource and science and technology first productivity. College students are bound to become the backbone of building an innovative country in the future, and bear the important mission of China's transformation from an innovative country to an innovative power. In the background of innovation and innovation to carry out

college students' innovation education, is conducive to promoting the construction of an innovative country. Encourage students to participate in project innovation, scientific and technological innovation, competition innovation and other activities, fully tap their inherent potential for innovation and entrepreneurship, so that they can grow in innovation and make achievements in entrepreneurship, so as to better serve economic and social development and accelerate the pace of building an innovation-oriented country.

3. Ways to Cultivate College Students' innovation ability

3.1 Establish and Improve the Innovation Education Mechanism

College students' innovative education is a very complex systematic project. Judging from the current implementation, the main problem we face is the lack of an overall long-term mechanism. Innovative education has not been included in the overall work of the school, and there is no strong system and organizational guarantee in practice. Therefore, in the context of mass innovation and innovation, Schools should, according to the objectives of education reform, start from a macro perspective, cooperate with multiple forces, establish an innovative education mechanism, and make overall planning, so as to lay the foundation for effective innovative education.

College students' innovative education involves multiple service links, and the existing service system has certain defects, mainly unclear service content and confusing process, which affect the orderly development of innovative education. When establishing a refined service mechanism, Schools should scientifically set up service content according to different implementation stages of mass innovation education and teaching, including three stages: (1) Preparatory period. The focus of service in this stage is to teach and train students on the quality, consciousness, ability and spirit of innovation and entrepreneurship according to the general goal of entrepreneurship and innovation education; (2) the initial stage. Schools should cooperate with other social entities to provide students with services in terms of financing, policies, venues and technology, and arrange tutors to provide timely guidance to students to solve the problems they encounter in innovation and entrepreneurship activities; (3) the middle stage. College students at this stage have already gained certain experience, achievements and lessons in innovation and entrepreneurship activities. Schools should provide follow-up services for students according to their actual conditions, including consultation, diagnosis. It can develop independently on the road of innovation and entrepreneurship through the improvement of service mechanism.

3.2 Development of Characteristic Courses

The characteristic curriculum system is the main carrier for implementing college students' innovation education. However, from the current course construction, innovation and entrepreneurship generally exist in the form of elective courses, and the content of mass innovation and entrepreneurship is separated from professional teaching, resulting in students passively learning innovation and entrepreneurship knowledge, unable to think and apply it in connection with their major, and difficult

to achieve the ultimate goal of mass innovation and entrepreneurship education. In terms of course content, according to students' major and growth stage, and considering the development characteristics of industries and enterprises, universities should reasonably integrate the elements of mass entrepreneurship and innovation, and develop more innovation and entrepreneurship quality courses with clear levels, smooth links and scientific standards. For example, for technology majors, schools can add courses such as "Technology major + Management Minor" and "Technology Major + Economics minor". To help students expand from technology application and production process to management and marketing, so as to expand their innovation vision and strengthen their entrepreneurial ability, so as to realize the mutual promotion of mass innovation education and professional teaching. In addition, in the middle and later stages of school education and teaching, schools should develop more targeted and personalized entrepreneurship and innovation courses for students with strong entrepreneurial intention. The types of courses are based on practical training, such as building industry-university-research integrated courses, encouraging college students to actively participate in the scientific research projects and work of tutors, who can also timely feedback the scientific research results to the classroom. To extend the course content to the market and the front line of scientific research, broaden the professional aspects of students, so that they can absorb rich knowledge and experience of innovation and entrepreneurship, enhance the quality of development of teaching courses of entrepreneurship and innovation education, so as to achieve the whole process of penetration of entrepreneurship and innovation education through the improvement of the curriculum system.

3.3 Strengthen the Practice of Innovative Education

Innovation education for college students is a process of cultivating students' knowledge, feelings, intentions and actions in an all-round way. Many elements, such as theory and practice, are not developed in isolation from each other, but are interconnected and indispensable. At present, in the process of learning and exploring innovation and entrepreneurship, students' ability to solve problems needs to be improved. Schools must strengthen the practice of innovation education, organically combine theoretical education and teaching with diversified practical activities, and broaden the platform of mass entrepreneurship and innovation in an all-round way, so that students can get strong practical training. And improve the development efficiency of innovative spirit and entrepreneurial ability.

First of all, Schools should cooperate with industries and enterprises in the region. For example, relying on high-tech development zones and school-middle factories, universities should build college students' entrepreneurship parks, entrepreneurship studios, entrepreneurship clubs and small and micro enterprise entrepreneurship bases, implement platform construction and resource guarantee, including the support of funds, venues, hardware and software facilities, encourage college students to participate in various forms of entrepreneurship and innovation practice activities, and mentors should help students modify and improve innovation and entrepreneurship project plans. To promote students to discover and solve the practical problems in the process of entrepreneurship, and add relevant legal

consulting departments, procedure departments, etc., in the practice base, so that college students can obtain effective information support in the process of practical exploration, gradually familiar with the various processes of innovation and entrepreneurship. For example, enterprises should provide practical training positions such as management trainee, store manager or store manager assistant. In the process of on-the-job training, students will focus on learning enterprise operation and management skills. Students will be able to apply innovative operation management concepts with ease and transform knowledge into ability, so as to better connect the campus and society, communicate with students and the market, and achieve the purpose of expanding innovation and entrepreneurship practice platform.

3.4 Strengthen Team Support

Schools can establish a four-in-one system construction of innovation and entrepreneurship "interest stimulation - consciousness cultivation - ability improvement - achievement incubation". By continuously increasing investment in innovation and entrepreneurship education, we can fully support project incubation through "six places", including institutions, personnel, funds, sites, teachers and projects in place. For excellent projects with great growth potential and industrialization prospects in the process of "cultivation", professional teams are organized to carry out "one-to-one" precise guidance, experts are organized to conduct project feasibility study and demonstration, and for projects that pass the evaluation, relying on entrepreneurial base, the implementation of high-quality projects are fully supported in "incubation". Innovation and entrepreneurship competition plays a good demonstration and leading role in the development of students' quality of entrepreneurship and innovation, which can broaden college students' thinking and vision, stimulate their enterprising spirit and challenging spirit, so that they can apply their knowledge and skills, and promote the transformation of education and teaching results. Therefore, when optimizing the innovation education system for college students, Schools must adhere to the principle of the integration of competition and innovation, actively hold innovation and entrepreneurship competitions, and deeply tap the potential of students' innovation and entrepreneurship, so as to realize the promotion of innovation through competition. Establish an effective publicity mechanism. College students' awareness is weak, in the final analysis, because the relevant publicity is not in place. In this regard, when implementing the overall planning, Schools should attach importance to the establishment of publicity mechanism, such as giving full play to the advantages of new media platforms such as websites, wechat and Weibo, regularly releasing successful cases of college students' entrepreneurship, and carrying out intelligent service and public promotion. Expand students' exposure to mass innovation and entrepreneurship; Or carry forward the concept and spirit of mass innovation and innovation based on campus cultural activities, guide college students to realize the close connection between mass innovation and innovation and study, life, and future employment, so as to generate the enthusiasm, and realize the comprehensive construction of mass innovation education and teaching mechanism.

4. Conclusion

To sum up, building an innovative education system for college students is not only conducive to strengthening the comprehensive quality of students, but also to driving employment through entrepreneurship, easing the pressure on students' employment in the future, and promoting the construction of an innovative country. Universities should start from the perspectives of collaborative participation, service and publicity, establish a sound innovation education mechanism, link up professional teaching, develop characteristic entrepreneurship and innovation courses, build diversified entrepreneurship and innovation practice platforms, and hold entrepreneurship and innovation competitions, so as to promote college students to accumulate knowledge, skills and experience in innovation and entrepreneurship in practice.

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