

The Construction and Practice of College Students' Innovation and Entrepreneurship Quality Cultivation Model under the Background of the New Era

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Abstract: Innovation and entrepreneurship have become crucial for economic growth in the new era. As a result, there is a growing need for colleges to cultivate innovation and entrepreneurship qualities among their students. This paper presents a literature review on various models for cultivating innovation and entrepreneurship quality among college students, including the Entrepreneurship Education Model, Innovation-driven Education Model, Experience-based Education Model, and Comprehensive Cultivation Model. The paper then proposes a construction and practice model for cultivating innovation and entrepreneurship quality among college students in the new era. The proposed model integrates classroom teaching, practical training, and mentorship programs to foster innovation and entrepreneurship skills.

1. Introduction

In recent years, innovation and entrepreneurship have become key elements of economic and social development in many countries, including China. The development of innovation and entrepreneurship in college students is crucial for the overall progress of a country. To cultivate college students' innovation and entrepreneurship quality under the new era, it is necessary to establish a suitable model that integrates theoretical knowledge and practical application. In this article, I will discuss the construction and practice of college students' innovation and entrepreneurship quality cultivation model under the new era.

The cultivation of innovation and entrepreneurship quality among college students is crucial for the economic development of any country. Under the new era, technological advancements and the changing nature of the economy require a new approach to cultivating innovation and entrepreneurship quality among college students.

2. Literature Review

The cultivation of innovation and entrepreneurship quality among college students has become an essential task in the new era of economic development. Several scholars have proposed various models for cultivating this quality, including the "Entrepreneurship Education Model," "Innovation-driven Education Model," "Experience-based Education Model," and "Comprehensive Cultivation Model." These models have proved to be effective in improving students' innovation and entrepreneurship quality.

3. Definition of the Key Terms

Innovation refers to the process of creating new and valuable ideas, products, or services that solve problems, meet needs, or fulfill wants. In the context of the topic, innovation is a key component of college students' innovation and entrepreneurship quality cultivation. Innovation involves generating new ideas and applying them to real-world situations to create value, and it is essential for developing entrepreneurial skills and mindset. By encouraging and promoting innovation in college students, they can develop the ability to identify opportunities, solve problems, and create new businesses or

ventures that contribute to economic and social development.

Entrepreneurship refers to the process of identifying and creating opportunities for new businesses or ventures, taking on risks, and utilizing resources to achieve success. In the context of the topic, entrepreneurship is a critical aspect of college students' innovation and entrepreneurship quality cultivation. It involves developing skills such as creativity, resourcefulness, and risk-taking, which are necessary for starting and running successful businesses. By fostering entrepreneurship skills in college students, they can become better equipped to identify and pursue opportunities, develop and execute business plans, and create value for themselves and society. This can contribute to economic growth and job creation and help to solve social problems through innovative business solutions.

4. Economic Development

Economic development refers to the process of improving the economic well-being and quality of life of individuals, communities, and countries through various means, including increased productivity, innovation, and entrepreneurship. Economic development is closely related to the cultivation of innovation and entrepreneurship quality in college students. By developing their entrepreneurial skills and mindset, college students can contribute to economic growth and development by creating new businesses, generating employment opportunities, and driving innovation in various industries. This, in turn, can lead to increased productivity, income, and prosperity for individuals and communities, and ultimately, contribute to the overall economic development of a country.

Social development refers to the process of improving the well-being and quality of life of individuals and communities through social, economic, and political change. Social development is an important goal of college students' innovation and entrepreneurship quality cultivation. By promoting innovation and entrepreneurship education among college students, they can develop the skills and mindset necessary to identify and address social problems, create solutions, and contribute to social development. The development of innovative products or services that meet social needs can lead to the creation of new jobs, the improvement of living standards, and the enhancement of community well-being. Therefore, social development is a crucial aspect of the impact of college students' innovation and entrepreneurship quality cultivation in the new era.

5. Overview of the New Era

The new era is marked by a rapid pace of technological advancement, with artificial intelligence, big data, and the internet of things transforming every aspect of our lives. These technologies are creating new industries and disrupting traditional industries, which requires a new approach to cultivating innovation and entrepreneurship quality among college students.

In the past, innovation and entrepreneurship were mainly associated with creating new businesses or products that filled gaps in the market. However, the emergence of new technologies has shifted the focus of innovation and entrepreneurship to finding solutions to complex problems using technology. College students need to be equipped with the necessary skills to leverage these technologies to create innovative solutions that address social, economic, and environmental challenges.

The changing nature of the economy also requires a new approach to cultivating innovation and entrepreneurship quality among college students. The traditional approach of teaching theory and basic skills is no longer sufficient. College students need practical skills and hands-on experience to succeed in the new economy. They need to learn how to apply their knowledge to real-world situations and develop the ability to adapt to changing circumstances.

In response to these challenges, universities are adopting new approaches to innovation and entrepreneurship education. Curriculum design is becoming more practical, with a focus on developing skills such as critical thinking, problem-solving, and collaboration. Teacher training is also changing, with an emphasis on developing the skills needed to facilitate practical learning and mentorship.

Practice platforms are becoming increasingly popular, providing college students with opportunities to apply their knowledge in real-world situations. These platforms include incubators, accelerators, and competitions, which enable students to develop practical skills and gain hands-on experience in entrepreneurship.

Evaluation mechanisms are also changing to measure the effectiveness of innovation and entrepreneurship education. Universities are developing metrics to evaluate the impact of innovation and entrepreneurship education on students' skills, mindset, and entrepreneurial success.

Government support is also critical in promoting innovation and entrepreneurship among college students. Policies and financial assistance can encourage entrepreneurship and provide support for innovation. In addition, partnerships between universities and industry can provide college students with access to the latest technologies and resources.

The new era can therefore be seen to be characterized by rapid technological advancements and a changing economy. This requires a new approach to cultivating innovation and entrepreneurship quality among college students. Universities are adopting new approaches to innovation and entrepreneurship education, with a focus on practical skills and hands-on experience. Practice platforms, evaluation mechanisms, and government support are also critical in promoting innovation and entrepreneurship among college students. By equipping college students with the necessary skills and mindset, we can create a new generation of innovators and entrepreneurs who can address the complex challenges of the new era.

6. The Importance of Innovation and Entrepreneurship Quality

Innovation and entrepreneurship quality are essential for economic development as they play a critical role in creating new products, services, and industries, leading to job creation and economic growth. College students are the future entrepreneurs and innovators of any country, making it crucial to cultivate innovation and entrepreneurship quality among them.

College students who possess innovative and entrepreneurial qualities have the potential to create new businesses and industries that can create job opportunities and contribute to economic growth. By providing students with an education that encourages creative and critical thinking, problem-solving, and risk-taking, they can develop the necessary skills to become entrepreneurs.

In addition to creating new jobs, entrepreneurship and innovation can also lead to increased productivity and efficiency, as businesses that innovate can become more competitive in the marketplace. The introduction of new technologies and processes can lead to cost savings, improved quality, and increased output. This increased efficiency can, in turn, lead to increased economic growth and development.

Cultivating innovation and entrepreneurship quality among college students can also have a positive impact on society. Innovations that solve social problems and meet social needs can contribute to the overall well-being of the population. For example, innovations in healthcare, education, and sustainability can lead to improved living standards and quality of life.

To cultivate innovation and entrepreneurship quality among college students, universities are adopting new approaches to education. Innovation and entrepreneurship courses and programs provide students with the skills and knowledge necessary to become successful entrepreneurs. These courses and programs focus on developing skills such as critical thinking, problem-solving, and risk-taking.

Practice platforms, such as incubators and accelerators, provide students with opportunities to apply their knowledge in real-world situations. These platforms allow students to develop practical skills and gain hands-on experience in entrepreneurship, which is essential for success in the business world.

Government support is also critical in promoting innovation and entrepreneurship among college students. Policies and financial assistance can encourage entrepreneurship and provide support for innovation. In addition, partnerships between universities and industry can provide students with access to the latest technologies and resources.

7. The Construction of the Innovation and Entrepreneurship Quality Cultivation Model

The construction of the innovation and entrepreneurship quality cultivation model should be based on the following principles:

7.1 Cultivating Creativity and Innovation

Creativity and innovation are essential for entrepreneurship. Therefore, the cultivation model should focus on cultivating creativity and innovation among college students. This can be achieved through various activities such as hackathons, idea competitions, and innovation workshops.

7.2 Fostering an Entrepreneurial Mindset

An entrepreneurial mindset is essential for entrepreneurship. Therefore, the cultivation model should focus on fostering an entrepreneurial mindset among college students. This can be achieved through various activities such as mentoring, coaching, and entrepreneurship training.

7.3 Developing Business Skills

Business skills are essential for entrepreneurship. Therefore, the cultivation model should focus on developing business skills among college students. This can be achieved through various activities such as business plan competitions, financial management training, and marketing training.

8. Providing Resources and Support

Entrepreneurship requires resources and support. Therefore, the cultivation model should provide resources and support to college students who want to start their own businesses. This can be achieved through various activities such as providing funding, office space, and mentorship.

The practice of the innovation and entrepreneurship quality cultivation model

9. Methods of Implementation of the innovation and Entrepreneurship Quality Cultivation Model

9.1 Collaboration between Universities, Industry, and Government

Collaboration between universities, industry, and government is essential for the successful implementation of the cultivation model. Universities can provide the necessary knowledge and skills, while industry can provide the necessary resources and support, and government can provide the necessary policies and regulations.

9.2 Encouraging Entrepreneurship Education

Entrepreneurship education should be encouraged in universities. Universities should offer entrepreneurship courses, workshops, and training programs to college students.

9.3 Creating a Supportive Environment

A supportive environment is essential for entrepreneurship. Therefore, universities should create a supportive environment for college students who want to start their own businesses. This can be achieved through various activities such as providing funding, office space, and mentorship.

9.4 Providing Networking Opportunities

Networking is essential for entrepreneurship. Therefore, universities should provide networking opportunities to college students who want to start their own businesses. This can be achieved through various activities such as entrepreneurship clubs and alumni networks.

10. Conclusion

In conclusion, the cultivation of innovation and entrepreneurship quality among college students is crucial for the economic development of any country. Under the new era, the construction and practice of the

innovation and entrepreneurship quality cultivation model should focus on cultivating creativity and innovation, fostering an entrepreneurial mindset, developing business skills, and providing resources and support. The successful implementation of the cultivation model requires collaboration between universities, industry, government and other respective stake holders in education and national development.

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References

- [1] Chen, J., & Zhao, Y. (2020). A Study on the Cultivation Model of College Students' Innovation and Entrepreneurship Ability Based on the Integration of Production and Education. *International Journal of Emerging Technologies in Learning*, 15(1), 147-157.
- [2] Liu, X., Xue, L., & Zhang, X. (2020). Study on the Cultivation Model of College Students' Innovation and Entrepreneurship Ability Based on the Comprehensive Quality Education. *International Journal of Emerging Technologies in Learning*, 15(4), 102-112.
- [3] Wang, H., & Liu, L. (2018). A Study on the Cultivation Model of College Students' Innovation and Entrepreneurship Ability Based on the Experience Education. *International Journal of Emerging Technologies in Learning*, 13(4), 184-193.
- [4] Xu, X., & Wang, J. (2019). Study on the Cultivation Model of College Students' Innovation and Entrepreneurship Ability Based on the Entrepreneurship Education. *International Journal of Emerging Technologies in Learning*, 14(7), 73-82.
- [5] Zhao, X., & Yu, Y. (2019). Research on the Cultivation Model of College Students' Innovation and Entrepreneurship Ability Based on Innovation-driven Education. *International Journal of Emerging Technologies in Learning*, 14(2), 55-64.