

## **Multi-dimensional construction of college students innovation and entrepreneurship education mechanism**

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**Keywords:** college students; innovation and entrepreneurship; collaborative education mechanism

**Abstract:** Innovation and entrepreneurship education in universities is a systematic project, which must be jointly promoted and formed from the four levels of government, enterprises, schools and students themselves, so as to build an all-employee, whole-process and all-round innovation and entrepreneurship education mechanism for the students. This paper discusses how to play a role in collaborative education mechanism from four aspects of government, enterprises, universities and students to form a comprehensive three-dimensional innovation and entrepreneurship education system.

### **1. Introduction**

In recent years, universities and the society pay more and more attention to the innovation and entrepreneurship of college students, and have gradually established a new collaborative education mechanism of college students' innovation and entrepreneurship schools and schools, schools and enterprises, colleges and society, schools and scientific research, and international cooperation[1]. It is necessary to integrate various factors of government, society (enterprises), school and students. This requires the construction of collaborative education mechanism including government, enterprises, universities and students, so as to achieve the goal of innovation and entrepreneurship education and cultivate innovative and entrepreneurial talents in line with social needs[2].

### **2. The government is the main guiding force.**

The government, as the leader, facilitator and facilitator, plays a leading role in formulating and improving the education policies for college students' innovation and entrepreneurship, providing funds and services, and creating a favorable market economic environment and cultural atmosphere[3].

1) Formulate laws and regulations to build a reasonable collaborative education mechanism

The government should give different policies and financial support to colleges and universities, guide them to carry out innovative activities, and establish an effective way to guide students to innovate and start businesses.

2) Encourage all social forces to actively participate in innovation, entrepreneurship and collaborative education. First of all, government departments should play an active role in guiding public opinion, publicize advanced models of innovation and entrepreneurship, and make innovation and entrepreneurship become the values advocated by the whole society. Secondly, the government should strengthen the publicity of innovation and entrepreneurship policies and provide incentives to encourage various social forces to actively innovate and start businesses. Finally, the government should create a fair and reasonable economic environment for college students, encourage college students to actively participate in free competition, and take innovation and entrepreneurship as an important means to realize self-value.

3) The government should play a coordinating role in promoting school-enterprise cooperation and accelerating the construction of innovation and entrepreneurship platform for college students. The government should encourage social forces to actively participate in innovation and entrepreneurship education, and explore the establishment of a collaborative education mechanism combining schools with the society.

### **3. Enterprises participate in the collaborative education mechanism**

Enterprises participate in the collaborative education mechanism of college students' innovation and entrepreneurship education[4]. Enterprises play an important role in college students' innovation and entrepreneurship education. Enterprises are the driving force of innovation and the starting point of innovation achievements transformation. In innovation and entrepreneurship education in colleges and universities, only when enterprises are beneficiaries can they have the enthusiasm to participate.

1) Colleges and universities allow social institutions to participate in innovation and entrepreneurship education. Social institutions can integrate various social forces to form a team of experts to promote the development of college students' innovation and entrepreneurship education. The social education institutions can optimize the resources in a form, give guidance, comments and funding to the college students' innovation and entrepreneurship competitions; the social education institutions can hire entrepreneurs with successful experience to hold entrepreneurial courses in colleges and universities, and cultivate innovative and entrepreneurial awareness. Bring the advantages of college innovative and entrepreneurial teachers to the market, and realize the complementary and effective use of colleges and social resources.

2) Establish a school-enterprise cooperation mechanism and establish a stable cooperative relationship. According to the regional economic development and their own business direction, enterprises can accept college students who have the intention of innovation and entrepreneurship for part-time study to gain industrial and social experience. At the same time, the government and universities should give corresponding subsidies and preferential policies to enterprises. In the University Student Innovation and Entrepreneurship Program Competition, enterprises can choose to support their own business-related projects with investment prospects, and provide support in terms of funds, venues, entrepreneurial guidance, and business methods, so as to improve the success rate of college students' innovation and entrepreneurship. Provide innovative practice and entrepreneurial practice activities for college students to provide practical venues and support in various software and hardware, cultivate college students' practical and innovative ability, and select outstanding talents in advance.

3) The college should cooperate with enterprises to promote the transformation of scientific and technological achievements. In the era of continuous development of the knowledge economy, science and technology, economy, and education are increasingly integrated, and production and research often require close collaboration to form new breakthroughs. Enterprises and universities should cooperate to give full play to their respective advantages, and integrate resource sharing and technology transfer into their own operations, which not only accelerates the pace from theoretical knowledge to application, but also reduces the research and development costs of enterprises, making universities and enterprises Students benefit together.

### **4. Universities build collaborative education platform**

Colleges and universities should build collaborative education platform for college students' innovation and entrepreneurship education[5,6]. Colleges and universities should bear the important responsibility of the collaborative innovation of college students' innovation and entrepreneurship education, build a practical platform, and make innovation and entrepreneurship education an important measure to improve the quality of schools and implement them in all aspects[7,8].

1) Colleges and universities should incorporate innovation and entrepreneurship education into the teaching reform system and establish the concept of collaborative education. Institutions take innovation and entrepreneurship education as the quality education curriculum of the university, and all the teachers of colleges and universities participate in the whole process of teaching. The innovative entrepreneurial thinking, spirit and ability are regarded as a kind of quality that all students need to cultivate, and this kind of spirit is regarded as a contemporary college student. Essential professional ability and core competitiveness.

2) Establish a curriculum system for collaborative education. In the curriculum system of

innovation and entrepreneurship training, colleges and universities should integrate teaching resources with different groups according to different professions, integrate innovation and entrepreneurship education into the overall planning of the school, and construct a curriculum system for college students' entrepreneurial innovation that suits the characteristics of the university.

3) Colleges and universities should build an innovative and entrepreneurial platform for collaborative education inside and outside the school. College students need a practical platform for innovation and entrepreneurship. Only relying on curriculum resources can not meet the needs of students. It is necessary for universities to actively connect with governments, enterprises and other universities, integrate various resources, and strengthen collaborative management with other curriculum resources and off-campus resources. Colleges and universities should use social resources to cooperate with the government, other universities, enterprises, research institutes, etc. to build an innovation and entrepreneurship incubator base, and combine the advantages of university knowledge and technology with social resources.

## **5. Cultivate the creative consciousness of college students.**

The success of college students' innovation and entrepreneurship depends not only on their own professional skills, but also on the spirit of continuous learning, self-motivation, diligent thinking, bold reform, and promising innovation. In colleges and universities, college students should take advantage of various practical training opportunities to cultivate their own innovative and entrepreneurial abilities. They can actively participate in community activities, actively strive for various resources, and create practical opportunities for self-growth.

## **6. Conclusion**

The collaborative education system for innovation and entrepreneurship of college students needs to adhere to the principle of education and promote it in a coordinated way. It needs cooperation and support from various aspects to form a linkage mechanism including the government, universities, enterprises, families and students, so as to form a comprehensive three-dimensional education system for innovation and entrepreneurship.

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