

## Research on the Training Model of College Students' Innovative Teams in the Internet Era

Ren Wei

Chengdu Medical College, Chengdu, 610500, China

**Keywords:** Internet Age, Innovation Team, Talent Training

**Abstract:** The rapid development of the Internet provides an opportunity for the innovation of college students' team. In the national innovation system, colleges and universities are an important part of the output channel of talent training. It is particularly important to cultivate the sense of teamwork and team spirit in improving the overall quality of colleges and universities. Today's colleges and universities have not completely taken the old road of exam-oriented education, but learning and doing in one, diversified development. Driven by the Internet era, team training in Colleges and universities has become the mainstream trend. This paper focuses on exploring and researching the training mode of College Students' innovative team in the Internet era, and puts forward corresponding exploration paths and solutions.

### 1. Current Situation of Cultivating Innovative Teams of College Students

Colleges and universities as the carrier of innovative team training, the cognitive level is generally improved in the social sphere. However, the innovative team in Colleges and universities is still in the process of further construction. The sustainable resources of education are relatively scarce and the research team is relatively few. In the era of knowledge economy changing day by day, there are obvious differences in innovation ability of different universities. Specifically manifested in the following aspects:

#### 1.1 Fewer resources can be provided for the cultivation of innovative teams in Colleges and universities.

Practice is the mainstream trend of innovative team training in Colleges and universities. Supported and guided by the relevant policies of colleges and universities, the innovative ability of colleges and universities has been greatly improved. But students participate in team innovation and are in a passive state. Practice is the mainstream trend of innovative team training in Colleges and universities. Supported and guided by the relevant policies of colleges and universities, the innovative ability of colleges and universities has been greatly improved. However, students can not really participate in team innovation and are in a passive state. Due to the lack of resources and the lack of hardware such as experimental sites, it can not match the needs of students. This kind of innovation team's resources mainly manifest in the human resources demand and the management resources demand. In traditional teaching concepts, students seldom have the space to think freely and independently. Especially for the innovation team, it can not exist without practical application. However, the traditional education concept has a strong color, which emphasizes knowledge rather than ability. It relies too much on exam-oriented education in the form of teacher's personal teaching and takes written examination as the sole criterion to measure students' knowledge acquisition. Emphasis is placed on theory rather than practice, on memory rather than thinking, on strict discipline and on knowledge inculcation. In modern education, we adhere to the concept of people-oriented, free and all-round development, strengthen quality education, give priority to improving students' real learning ability, stress the education mode of teaching students according to their aptitude, relatively open education content, pursuit of diversification, and advocate harmonious education, while the traditional education concept just ignores this. Points weaken the practicality of innovation team.

## **1.2 The training mechanism of team innovation mode is not perfect enough**

Many colleges and universities carry out beneficial exploration and Practice on the path of innovative team model. The establishment of science creation classes and the development of various innovative activities competitions provide relevant reference for the training of innovative teams. But the training mechanism of innovation mode is not perfect, which directly affects the lack of innovation motivation and innovation goals, and makes the participation of teachers and students in schools low. The innovation atmosphere of innovation team can make up for the deficiency of innovation subject. To maximize the advantage of group effect and develop it in a new field. Innovation team building is the inevitable development trend of colleges and universities. Therefore, we need to improve the training mechanism of team innovation model.

From the school's own point of view, the curriculum of innovation team is relatively single, which can not form a perfect connection with the market. Want to enter a slightly better unit in society, lack of professional skills to lay the foundation. In terms of the characteristics of the classroom, the lack of creativity may lead to the students' mastery of theoretical knowledge, but their practical ability is obviously poor. What they learn is too shallow to be in line with the new knowledge. The school classroom follows the unified teaching, can not timely carry out new popular team projects according to social needs, there is a lag. In addition, for the employer, often take the lead in considering whether the employees employed can bring greater value benefits to the enterprise. Whether you have worked in this field or not, you don't care what honors you have won in college or how many certificates you have. In addition to basic skills and adaptability, there is also a tendency to focus on boys and girls, leading to the majority of women with super ability being buried.

## **1.3 The irrationality of innovative team management system**

In many colleges and universities, there have been innovative teams and corresponding organizations. However, there are still the status quo of virtual posts, the management of university teams is relatively lagging behind, and there are also shortcomings in training practice and experience. Many innovative teams have taken the road of administration, and they have not paid enough attention to innovative teams at the management level. At present, the main mode of school-enterprise cooperation is post practice, absorbing teaching resources from cooperative enterprises, establishing training bases, and implementing the "order-based" training mode. Despite the various forms of school-enterprise cooperation, the institutional mechanism closely related to the industry has not yet formed. Schools run in the market often have the situation of big thunder and little rain. The integration of schools and enterprises is relatively small, and there are not many counterparts, so it is difficult to monitor. At present, the school-enterprise cooperation is relatively loose and unstable, the content is not rich enough, and it has not really reached the deep level of school-enterprise cooperation. In the face of reality, there are still some contradictions in school-enterprise cooperation. Because of the lack of human resources in enterprises, in order to meet the needs of production and operation, schools are expected to provide human support and enjoy free labor. For students, there are few real opportunities to get in touch with practical training. Therefore, the innovation team is weak.

## **2. The Role and Significance of Internet in the Training Model of Innovative Teams of College Students**

Innovation team refers to a talent echelon consisting of selected excellent backbone based on certain research platforms and institutions. Can clearly and clearly research direction, and have the ability of sustainable development. Innovation team building is closely related to scientific and technological progress and economic development. Team operation can effectively remedy individual shortcomings and shortcomings, and realize the effect and value pursued by universities.

With the deepening of the market economic system, the training mode of innovative team in Colleges and universities is constantly updated. Internet has become a brand-new channel to

improve the competitiveness and popularity of university innovation team model, which coincides with the idea of “Internet + University Innovation team” derived from the development of the new century. Internet has been rapidly popularized in Colleges and universities, with a wide area of radiation, and can attract more students to participate. The Internet has high value and applicability for university innovation team. Innovative education is a trend. Colleges and universities are not only the teaching of skills, but also the combination of theory and practice. The development of the Internet can promote the professionalization of teacher education and teaching. Secondly, it can cultivate the innovative consciousness of the team and train the students in the concept of entrepreneurship, so as to guide the students to form the correct concept of entrepreneurship and improve the ability of independent entrepreneurship.

To develop innovative teams, it is necessary to establish a school-enterprise cooperation system. School-enterprise cooperation refers to the school-enterprise integration, participation in the training process of team talents, the use of two different educational environments and resources of schools and enterprises, the organic combination of classroom teaching and students' participation in practical work, and the cultivation of applied talents suiTable for enterprises, which is a kind of school-running mode based on market and enterprise. Social demand-oriented operational mechanism. School-enterprise cooperation is the only way to promote the transformation of school science and technology and knowledge, to enhance the innovation ability of enterprises, and to reform and develop schools. The real meaning of school-enterprise cooperation is to combine the knowledge learnt by students with the practice of enterprises, to make the equipment and technology of schools and enterprises complement each other and share resources, so as to effectively improve the pertinence and effectiveness of education and the quality of training skilled talents. It can promote the transformation of school-running concept and mode, promote specialty construction, teaching reform, and teacher team construction, and improve the level of team personnel training in Colleges and universities. At the same time, school-enterprise cooperation is also an inherent need for the survival and development of enterprises. The essence of competition among enterprises is the competition of talents and technology. School-enterprise cooperation can meet the requirements of enterprises for technical talents to the greatest extent, and it is a mainstream trend of innovation team development.

### **3. Innovative Team Training Model**

#### **3.1 Teacher-led**

Nowadays, the specific situation of innovative team training in Colleges and universities is to highlight students as the main body and oppose the one-way mode of indoctrination. But it does not mean weakening the position and role of teachers in the innovation team. Teachers still play an irreplaceable role in driving and operating the whole team. Coordinating the whole team's design, scientific research topics and so on, strengthening the goal decomposition, focusing on key projects. In addition, teachers also play a guiding role in stimulating the interest of innovative teams and mobilizing enthusiasm. And through regular summary, formulate evaluation mechanism to promote the orderly development of innovation team.

#### **3.2 Sex Innovation Team Model**

According to different majors in Colleges and universities, special training programs are put forward. In the process of training innovative teams, the professional characteristics are highlighted. Respect the individualized development of students, according to different personalities of students to adopt differentiated training, to truly teach students in accordance with their aptitude, prescribe the right medicine, so that team training is more targeted, rather than blindly unified management.

#### **3.3 Task-based Innovation Team Training Model**

Excellent teachers are responsible for the training of innovative teams. According to different research fields, students' groups are assigned tasks as appropriate to get rid of the pure

classroom-oriented teaching methods. Establish research interaction, in-class interaction, extracurricular interaction, set up a talent training fund team, to better help innovative team building.

#### **4. An Analysis of the Effective Ways to Cultivate College Students' Innovative Teams in the Internet Era**

##### **4.1 Using Internet to Realize Link Platform**

The cultivation of innovative teams in Colleges and universities should not be confined to the campus, but should make full use of the advantages of the Internet and spread its ideas to various platforms. The use of the Internet to build a bridge between enterprises and universities, in a win-win model under the leadership of external appreciation potential will also increase. Innovation teams in Colleges and universities will be more easily docked with enterprises, which will have stronger practical significance, and students' social ability will also be enhanced, so as to accumulate experience for entering society ahead of time.

##### **4.2 Increase the input of experimental resources**

At present, the social ability of college students is generally weakened, only a small proportion of students have strong social adaptability. To this end, universities should provide corresponding resources support for innovation teams, such as experimental equipment, experimental sites and so on. It can better realize the development and practice of new products.

##### **4.3 Building tutor platform**

Instructor is one of the core elements of innovation team. Innovation team needs to face the market and enterprises directly. Therefore, once students face difficult and complicated problems, the role of the tutor is to pass on the work and solve the puzzles. Not only to provide guidance and help for students, but also responsible for personnel training and management.

#### **5. Innovative Strategies of Team Thinking Mode of College Students from the Perspective of Internet**

##### **5.1 Establishing Internet Resource Base and Unifying Team Thought**

Establish online data sharing files for team members to use together. We should unify our thinking and establish common goals for people who are interdisciplinary and interdisciplinary. We should strengthen the cultural construction of innovation teams and formulate common values and goals. Respect students' opinions and suggestions, and develop a brand new innovative team practice mode. To achieve online resource sharing, while providing advice mailbox for students, to condense the wisdom and ideas of more people in the team.

##### **5.2 Insist on the innovation of team subject and follow the standard of practical value**

In the innovation work of team subject with value industry chain as the core, we need the idea of "one radish, one pit". Guarantee each person to perform his or her duties and integrate, optimize and upgrade the team resources of colleges and universities. Establish a team independent entrepreneurship platform and incubation base to seamlessly connect with innovative products and markets.

##### **5.3 Network Innovation under the Establishment of Industrial Chain**

Talents are an important goal of industrial chain training. We should make full use of the innovation and development of network resources, give full play to the new advantages of the Internet, and realize resource innovation, channel innovation and technological innovation. Establish a diversified combination of models, concentrate resources advantages, the goal and results of entrepreneurial innovation team. Increase the investment of book resources, in-depth

analysis of team value, all adverse factors will be stifled in the cradle.

#### **5.4 Innovating the Practice System and Fully Integrating with the Internet**

Innovation practice system, for innovative team R& D co-modeling mode, innovative team R& D can encourage students to improve their scientific research ability, brainstorm and provide more development possibilities for students by signing agreements between schools and enterprises. School-enterprise integration and innovation of practical teaching system. Open up practical ways and platforms for innovative team skills training. Including professional practice, comprehensive practice and innovative practice, the establishment of innovative team training center is divided into simulated practice teaching, scene teaching and vocational skills teaching, to help students find jobs smoothly.

#### **5.5 Exploiting the Advantage of Internet to Develop Innovative Team Thoughts**

In addition, we should make effective use of Internet resources. Realize online teaching mode, encourage students, and enhance the awareness of the Internet. Make use of the advantages and opportunities of the Internet to build a network team model. To create “experience-based” mainly. To achieve online and offline communication and provide a series of satisfactory standardized services from the perspective of participants. Provide a variety of user perception, can have a clearer grasp and understanding of the product. Secondly, based on the deep integration of online and offline resources, guided by shaping brand value, we can make full use of the diffusion of information system to create an all-round three-dimensional team innovation. Through the analysis of big market data, the multi-dimensional three-dimensional interactive team plan is concluded. It can make the Internet team model more widely covered. Based on the integration of school-enterprise model, it is necessary to develop innovative ideas of the Internet and popularize the knowledge of the Internet.

### **6. Conclusion**

The application of Internet is becoming more and more extensive, especially for the innovation team in Colleges and universities, which has extremely important value and significance. In the development process of colleges and universities, not only the scores of students, but also the team is a link that every student must face in employment. Innovation team is not only a skill for students, but also a great test. At present, colleges and universities are facing some urgent problems in team innovation, which need to be further explored and practiced.

### **Acknowledgement**

This research was supported by the project of Association of Fundamental Computing Education in Chinese Universities (2018-AFCEC-195) and the project of Humanities and Social Science Research Base of the Sichuan Provincial Education Department (WLWH16-9).

### **References**

- [1] Liu Chunling, Yang Peng. The Problems of School-Enterprise Cooperation in Higher Vocational Education and the Meaning Development Path [J]. Heilongjiang Researches on Higher Education, 2014 (1): 112-114.
- [2] Tao Yancheng. Current situation and prospects of the training mode of school-enterprise cooperation in Higher Vocational Education [J]. Vocational & Technical Education Forum, 2013 (23): 65-67.
- [3] Xiao Fangming. Exploration and Practice of School-Enterprise Cooperative Talents Training Model [J]. Chinese Vocational and Technical Education, 2010 (14):90-92.