

# Exploration on the Training Model of Innovative Ability of Applied Talents

Yingli Pan

Ideological and Political Department Xi'an Peihua University Xi 'an, shaanxi province, China.

79255432@qq.com

**Abstract.** Through the research on the cultivation of innovative ability of undergraduate applied talents in Colleges and universities, the cultivation mode of innovative ability is constructed, which is based on classroom teaching, supported by practical links, supported by scientific research and training, guided by competition activities and expanded by the second classroom. It highlights the cultivation of innovative ability and personality characteristics of College students and serves the local society. Economic development cultivates high-quality economic and management personnel.

**Keywords:** applied talents; innovative ability; education; training mode.

## 1. Foundation of Cultivating Students' Innovation

We are in the era of knowledge economy and information technology. Compared with their predecessors, students now need to learn too much, and the pressure is greater. Therefore, we must teach students the most basic and applicable things, teach them how to learn, how to do things, how to be a person, and encourage them to be brave in challenges and good at entrepreneurship. Due to the rapid development of modern science and technology, the cross-penetration of disciplines and the continuous formation of new fields and frontier disciplines, the traditional curriculum system can not meet the needs of social development. It is necessary to optimize the combination of students' knowledge structure within four years of limited school hours in order to form a new curriculum system. With the development of society and economy, the infiltration and blending of disciplines will blur the boundaries of industries, departments and regions. This requires that talents trained in higher economic and management education, no matter what major they study or what profession they will engage in in the future, should have both profound basic knowledge and extensive professional knowledge. Ability to combine the characteristics of this major, both theoretical and practical; both economic and management knowledge; both related technology and professional knowledge, but also familiar with society and the national conditions. In a word, it not only emphasizes the comprehensiveness and integrity of knowledge, but also emphasizes the advance and exploration of knowledge, so that students' knowledge structure develops to a "thick foundation, wide caliber, compound type". Here, the decisive role is to require students to have solid and profound basic knowledge.

Propose the formula of improving the rate of innovation ability

$$I' = \frac{\sum I_a - \sum I_b}{\sum I_b} \times 100\%$$

Among them, I' is the innovation ability rate, I<sub>a</sub> is the sum of the innovation ability test items after learning, I<sub>b</sub> is the sum of the innovation ability test items before learning.

## 2. Rationally Setting up Practical Links

Attaching importance to teaching practice and highlighting the essence of educational creativity. Emphasizing the link of practical teaching and combining theory with practice is an effective way to cultivate students' practical ability and mobilize their initiative for innovation. Social work and social practice play a special role in improving students' comprehensive quality, cultivating students' practical ability and innovative spirit. According to the requirement of social and economic

development, we pay attention to renewing the practice teaching links and contents, advocate the combination of practice activities and production practice, strengthen the construction of practice, make full use of social resources, let students participate in enterprise production and operation activities during school, shorten the distance between school and society, and improve students' practical ability.

Increase the intensity of professional practice and highlight the professionalism and practicality of practice. Practice is an indispensable practical teaching link to enable students to acquire direct knowledge and consolidate the theory they have learned. It is an important part of the teaching plan and an important guarantee to achieve the goal of professional training. Professional practice mainly includes understanding practice, production practice and graduation practice. According to the nature and characteristics of different internships, the corresponding internship syllabus is formulated and perfected, and specific requirements are made for the content, tasks, organizational methods and leadership of the internship, and the results and requirements of the internship. Through understanding practice, let students feel enterprises and positions, increase perceptual awareness, and enhance the enthusiasm of continuing learning; Through production practice, let students know enterprises and positions, find and explore the differences between book knowledge and practical operation, while accumulating job experience, lay the foundation for future professional courses learning; Through graduation practice, let students know enterprises and positions, and seek and explore the differences between book knowledge and practical operation. Learn, let students actively participate in the production and operation activities of enterprises, further clarify the professional direction and job requirements in the actual process of participating in the work, choose the topic of graduation thesis (design) according to the actual situation and needs of enterprises, minimize the distance between schools and society, and strive to achieve short or zero distance docking between academic and employment.

Table 1. Contrast on the Improvement of Collaborative Innovation Ability of College Students

Numble	Grouping Average	Before Training	After Training	Lifting Degree %
1	G1	6.67	19.31	189.51
2	G2	6.47	18.72	189.41
3	G3	6.82	22.86	235.19
4	G4	6.48	16.36	152.47
5	G5	7.47	20.46	173.90
6	G6	6.25	16.33	161.28
Average Value				168.56

### 3. Relying on Scientific Research Training

It advocates the combination of experimental teaching and scientific research topics, creates conditions for students to participate in scientific research and innovation activities earlier, strengthens the overall construction and scientific management of hardware and software, strives to improve the utilization efficiency and maximize the sharing of resources. Combining the cultivation of students' scientific research ability with classroom teaching requires that teachers not only pay attention to imparting knowledge, but also make students think about the important theoretical and frontier issues involved in the course. In this way, students can not only think about these problems under the guidance of teachers, but also make those students who are interested in scientific research know what to study in this field and have research objectives. Make full use of all available conditions, establish and improve practice bases inside and outside schools, provide more opportunities for students to carry out high-quality practice activities, and improve their social practice and innovation ability. Cooperate with the course content, in the synchronous period of teaching process, in combination with the opening of laboratories and under the guidance of professional teachers, let the students with spare energy participate in teachers' scientific research activities, and cultivate students' scientific research ability through teachers' scientific research activities; from selecting topics,

collecting information and filling in declarations to the research of projects after winning the bid. In the process of participating, students learn how to do scientific research work experience and methods, enhance students' ability to think independently, analyze and solve problems, and promote innovative consciousness and creativity. Cultivation of new abilities.

#### **4. Active Participation in Competition Activities**

Competition is the banner that leads modern college students to ignite their passion for innovation. It is also an important carrier to promote the cultivation of innovative talents and the construction of an innovative country in Colleges and universities. Organizing competitions can not only inspire young students' fighting spirit, arouse their innovative consciousness and cultivate their innovative spirit and ability, but also promote the construction of a positive campus cultural atmosphere and the activation of students' extracurricular scientific and technological activities. We regard organizing college students to participate in extracurricular science and technology activities as an important channel to cultivate students' innovative spirit and innovative ability. Through organizing students to participate in the national and Guangdong University Students' "Challenge Cup" extracurricular academic and technological works competition, ERP competition, entrepreneurship design competition, financial planning competition, business management simulation competition. Extracurricular activities such as science and technology provide material and psychological support for competent and enthusiastic students, and provide a stage for students to display their strengths and self-expression. In recent years, we have attached great importance to students' extracurricular scientific and technological activities, especially in the selection of competition items, the selection of instructors, the organization of participating students, the funding of research funds, and the award of achievements, etc. We have done a lot of fruitful work, achieved a large area of bumper harvest, achieved good results, and gradually formed "College heavy". Looking at the good situation of competition, teachers' concern for competition, students' enthusiasm for competition and parents' support for competition. By participating in the competition, students' theoretical knowledge is enriched, their interests, hobbies and specialties are cultivated, and their ability of innovation and entrepreneurship is improved.

#### **5. Extensive Second Classroom Development**

The second classroom is an important part of personnel training, an important way for students to practice professional theoretical knowledge and cultivate innovative and practical abilities, and an effective means to improve students' employment competitiveness. Through practice and exploration, making full use of the form of student professional associations, actively organize students to participate in various social practice activities, and gradually form a set of second classroom implementation plan which is suitable for the training objectives of the major, meets the teaching requirements and has a relatively perfect system.

Highlighting professional characteristics and running a "festival". The College insists on holding an annual "Economic and Management Culture Festival" to improve the taste of campus culture and cultivate students' professional practice ability. Developing "Economic and Management Culture Festival" is our characteristic project. Its main contents include planning contest, ERP sand table contest, simulated stock market, debate contest, painting and calligraphy contest, etc. It not only combines the professional reality of the college, but also opens up a place for students to learn professional knowledge and skills. It is also a place for teachers and students to show their talents and spiritual outlook. Stage. Through the edification of "Cultural Festival", students' comprehensive quality and professional ability have been greatly improved.

In short, innovation is an urgent need for us to face the challenges of economic globalization, especially in the new century of reform and opening up. It is an important mission of local higher education to cultivate applied and innovative talents. We must realize that innovative education is a systematic project, and cultivating innovative talents is a long-term and arduous task, which requires

us to explore and improve constantly. At the same time, innovative education and cultivation of innovative talents are not isolated, they are an integral part of social life and need relevant supporting reforms. Only when local colleges and universities actively adapt to the local social and economic development and let the application-oriented and innovative talents constantly emerge, can they remain invincible in the process of economic globalization.

## **Acknowledgments**

Innovative Ability of Applied Talents Based on Extension in the Education Reform Project of Xi'an Peihua University in 2019 Cultivation Research and Practice No. PHZ1801.

## **References**

- [1]. Reflections on the construction of talent training system for innovative entrepreneurship education in Colleges and universities [J]. Mao Shujuan. Research and practice of innovative entrepreneurship theory. 2018 (01).
- [2]. An analysis of the current situation of College Students'innovation and entrepreneurship education [J]. Qi Tieli, Bailing, Sun Xiuwei. Science and technology perspective. 2018 (09).
- [3]. Feasibility and Necessity of College Students'Campus Entrepreneurship Environment in the New Period [J]. Gu Kai. A Comparative Study of Cultural Innovation. 2017 (12).
- [4]. Investigation on the current situation of innovation and entrepreneurship education in Gansu universities [J]. Zhang Youpeng, Dong Haiyan, Dou Jianming, Shenjian. Journal of Lanzhou Jiaotong University. 2018 (04).
- [5]. An overview of the current situation of College Students'innovation and Entrepreneurship from the perspective of applied talents training [J]. Zhang Lijuan, Cen Fenxin. Value Engineering. 2018 (31).
- [6]. Evolution Logic and Prospect of Innovation and Entrepreneurship Education Policy in Universities [J]. Ren Shenghong, Liu Sunyuan. Education Research. 2018 (05).
- [7]. Research on Innovation and Entrepreneurship Education for College Students [J]. Chen Xi, Qin Wei. Modern Economic Information. 2018 (13).
- [8]. The dilemma and Countermeasures of innovation and entrepreneurship education in China [J]. Ding Yizheng. Journal of Jiamusi Vocational College.2018(05).