

Under the Guidance of Scientific Concept of Development of Innovative Education

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Abstract: Tide in the global knowledge economy surging, innovation has become recognized as an inexhaustible motive force of progress of the nation. Innovation is a comprehensive quality, is a positive development in the state, is the potential ability of the burst, by its very nature is man's free and comprehensive development results. If innovation is the main driving force of social progress, then education is to cultivate the innovative spirit of the first front is the development of countries to achieve the main power source of innovation. Education is essential to human evolution, an important part in educational activities every change in approach, are very important for human development impact. As the new century, the rise of the knowledge economy, education, human development increasingly important role. Therefore, educational change and innovation activities incompatible ways, the nation and the country and on human development has great significance. This is why education reform is a new era of education can not avoid the topic. How to adapt to the times, change our thinking, new ideas, innovative talent set featuring the new standard of higher education quality, and talent, innovation to adapt to our modern social, economic and technological development of the educational system, to implement innovative education, This is the education theme of the times.

Keywords: Innovation; Education; Reform

1. The Innovation and Innovative Education

Now innovation has become one of the most precious and attractive terms in the language ocean of human society, which is particularly apparent in at a crucial stage during the reform and opening up of China., everyone seems to have a different understanding on what is innovation.

1.1. The Meaning of Innovation

A popular argument on innovation is that, "Innovation is the sum of good thinking and behavior about spirit or material products generated by human beings^[1]". In fact, is difficult to find the term "Innovation" in dictionary, if taken literally to analyze it, "Chuang", the first time to appear, "it is the one that create first."; "Xin", firstly appear. The meaning of these two words is generally same, both focusing on never appear in previous time^[2]. Narrowly, innovation means that the innovation products are new, valuable and pioneer for the society. Innovation, in a narrow sense, is often referred to usual innovation. The general Innovation means that the innovation products are new good products for the innovator himself, but is not necessarily new for society as a whole. In addition, with further economic development, people gradually make in-depth research on innovation, so innovation theory has appeared several other representatives of views:

- Innovation is the process of developing a new thing, starting from the discovery of potential needs, undergo the test at the stage on new things and technical feasibility until it is widely used.

- Innovation is a process of the application of knowledge or information to create and introduce a certain useful new thing.
- Contemporary International knowledge management expert, Ai Newton's definition of innovation is: from new ideas to action^[3].

1.2. The Significance of Innovation

Innovation is the soul of a nation's progress, is an inexhaustible motive force for national prosperity, and also is the source of eternal vitality of a political party. The national history of mankind is a history of continuous innovation and development, and when to make self-improvement, innovation can be powerful; when to do self-esteem blindly or look down upon oneself will be the law of jungle. In current society, mutual competition in international relations can be showed as the performance of nation's comprehensive strength. The key to competitiveness is innovation, which is the lasting power for a country's prosperity, only by this power, can truly having the glory and dreams of the 21st century. For a country's political party, theoretical innovation based on practice is the precursor of social development and changes. Through theoretical innovation to promote institutional innovation, technological innovation, cultural innovation, and innovation in other aspects, constantly exploring the way forward in practice, never complacent, and never slack, it is for us the way that long-term importunate rules party administer a country.

1.3. The Meaning of Innovative Education

The academic scholars believe that "innovation education is a kind of education based on culturing human spirit and ability of innovation as the basic value orientation, and its core is that based on doing a good job of " compulsory education "work, we focus on researching and resolving how to cultivate primary and secondary students' innovation sense, creativity spirits and innovation ability about elementary education in the full implementation process of quality-oriented education in order to meet the challenges of knowledge economy."^[4] Innovation education is the education that an educational process of innovation is given the characteristics of human innovation, and as for education basis, to cultivate innovative talents and realize the comprehensive development. Innovative education is a process of comprehensive reform of education and students' education growth, and is a quality education for all students. Innovation education determines national future!

2. The Specific Practice Achievement of Innovation Education

Innovation Education has great significance, because innovation is the foundation of a nation with full vigor and vitality, is a symbol of social civilization, and even an important part of a country's comprehensive national strength. Therefore, only when the creative spirit becomes our national character, the rise of Chinese nation can be truly realized. Promote, develop, and create such a national spirit is the highest goal of innovation education. However, an important way for achieving the real innovation is to develop practical education.

2.1. Educational Innovation

Educational innovation is an education reform, from the literal sense, it refers to a process of promoting education the first implementation of new educational concepts and systems or methods to, the results of occurrence of progressive process. Educational innovation is the foundation of national development is not to break the cultural continuity of the key elements of the dynamic transformation of the national culture. Educational Innovation is both a part of national innovation, but also the basis of national innovation. Some scholars think: "It is a reformation progress that education of a nation and country during the implementation of practice, constantly create, use advanced thinking, scientific methods, new tools and techniques, get rid of traditional education ideas and the stale ideas and things behind models, and make establishment and formation of educational operation mechanism and mode with vigor and vitality to achieve education"^[5]. From this definition, if we should achieve the transform from old mode of education to the new one, we must do the innovation of various aspects and elements in the overall educational structure. For example: the innovation of education concept, the innovation of educa-

tional content, the innovation of educational methods and so on.

1) *The innovation of educational Concept*

Dominated by different educational concepts, the results of educational activities are also different. In the traditional concept of education, people bring forward questions on whether we need to develop innovative talents. Some people think that the main task of school is to train productive labors, so school education just teach students some necessary knowledge and technology, while the implementation of innovative education only aim at a few particularly good students. They have a sense of mystery about cultivation of, and even form the concept of "non-training of innovative ability ". Traditional Education ideas has been deeply rooted in people's ideology, facing the personnel training objectives of innovational education in 21st century knowledge economy, if we truly put the innovation of personnel training into the actual track, we must establish a new educational concept.

2) *The innovation of educational content*

Whether the arrangement of Education curriculum Content is scientific and reasonable also play a crucial role for the fortune and development of innovative education. If the teaching content cannot up to the optimal model, then it will to some extent, hinder educational innovation, talents' training development. Nowadays, Curriculum content in our country is obviously lagged, empty and unity. To develop students' innovative ability and improve innovative ability of education in education sector, we must enable students master the latest knowledge contents, understand the latest developments in the world, so that students' knowledge level and structure tends to be synchronize with the world's advanced level reflecting the significance of times; In addition, the curriculum structure should be noted that extensive nature, the curriculum should be added to innovation and expertise in capacity development, and curriculum activities should pay more attention to the form of courses.

3) *The innovation of teaching methods*

To develop Educational Innovation, adopting innovative teaching methods to foster students' innovative thinking and the capacity is also one of necessary links. As the innovative teaching methods of students, we should and must have: pay attention to inspire and guide; focus on the democratization of education; and focus on opening education and elements of other aspects^[6].

2.2. The Education Informatization under Innovation and Reform

Education informatization is a process profoundly and extensively adopting modern information technology to promote education reform and education development in education field. In the process of education informatization, the key is the informationized talents, which is the major force for innovation and reform. Talents have a

decisive impact on the development speed and quality of other elements in the informatization system.

Analyzing from the core content of the innovative education, we can feel the information age. We can say that the talents, cultivated under innovative education, should have the spirit and capacity potential of “getting something out of nothing, getting new things from existing things”. This is exactly the basic quality requirement of information society to people. The most distinctive feature of the information age is the changing development on science and technology. It demands people to keep learning and exploring, turning the existing knowledge to new one. It forces people to have strong innovative passion, exploring desire, curiosity, ambition, confidence and other mental quality and personality characteristics. The innovative talents cultivated under innovative education are the talents who are needed in information age. The uniformed nature of innovative education and information age has verified the profound and extensive impacts of age challenge and scientific revolution on education reform. For the current education informatization construction centered on application ability, building a reasonable structured informatization talents team with high quality and innovative capability has an important strategic significance.

2.3. Innovative Talents Strategy

In this age of increasingly acute international competition and rapid development of science and technology, the decisive factor of the national economic strength is the science and technology level, while the core science and technology competition is the competition for talents. For the final analysis, it is the competition of education quality which shapes the talents. Therefore, education is the foundation of new-century international competition. The competition for the education quality is which of the 21st century international competition dominant right. And education in this knowledge age has undergone a series of reform tendency. On the background of “developing the country by relying on science and technology” and “quality-oriented education”, cultivate the innovative spirit and innovative talents have become more and more important. Moreover, the most core value goal is to foster the people’s innovative spirit and to excavate the innovative potential. UNESCO has put forward the idea that the goal of education is to promote “people’s development”. In the innovative talents strategy, it is reflected in the motivation, appraisal, development, location and environment of the innovative talents. However, the utmost important thing is to foster the innovative talents, which is the foundation of the talents strategy. Any country can seldom achieve economic growth only by relying on import of talents, which only plays a supplementary role. In the cultivation of the innovative talents, we should focus the following two points:

First is the educational aspect in the cultivation of innovative talents. Education is the base for the cultivation of innovative talents. A good innovative environment is the cradle for the innovative talents in the society. The educational aspect of innovative talents reflects not only in the schools’ education, but also in the social education mostly. Second is the coordination in the cultivation of innovative talents. An innovative team is in need of an experienced leader who has lots of knowledge. It also requires green young people who are not afraid of the difficulties. The crucial point is that the different-type talents should be coordinated. The innovative talents are similar to a food chain. If one part of this chain is lost, the function of the whole group will be affected, undermining the social progress and economic prosperity.

3. The Value Realization of the Innovative Education (Significance of the Innovative Education)

In the knowledge-based economy age of 21st century, in the knowledge-based economy society relying on inventions, discoveries, research and innovation, innovative education is the only road for the development. No matter to the national or ethical development, or education and self development, innovative education has significant values. Putting people first under the scientific approach for development is the basic value of the innovative education activities. Varied development approaches will have different requirements on innovative education, and will form different innovative education concepts. So, the prerequisite and foundation of building “putting-people-first” innovative education concept is to establish the “putting-people-first” scientific approach for development, which is the guiding ideology for forming innovative education concepts of people. Considering scientific approach for development as our guiding ideology of our innovative education not only meets putting-people-first core value concept, but also has profound and significant meaning, meaning realizing the overall, coordinated and sustainable innovation education.

3.1. Overall Innovative Education

The continuous innovation to the students’ education should be done, such as cultivation of innovative consciousness of the students, learning and exploring innovative means, exercising students’ innovative capabilities, etc. Furthermore, conduct the overall innovation in the innovative consciousness of education, innovative education theory, practical means and environment for innovative education, as well as the teachers’ quality.

3.2. Coordinated Innovative Education

Plan considering all factors in the innovative education activities. Planning considering all factors means that considering the relationship of different levels and

groups, scientifically and rationally adjusting the correlations among different values in the innovative education as well. The significance of emphasizing on coordinated education innovation is to alleviate the acute contradictions in the innovative education process and to coordinate the value conflicts in the innovative education^[7].

3.3. Sustainable Innovative Education

The realization of sustainable development is the long-term and lasting requirement of scientific approach on development to innovative education. The purpose of it is to ensure our education cause can continue to develop from one generation to next generation. The realization of sustainable development demands to correctly understand and handle the relation between long-term benefit and immediate interests. It is necessary to consider the immediate development needs, but it is more important to look into the future. Sticking to sustainable development is the important representation of basic innovative education theory for practically creating better

education condition for the mass and acting on “putting people first”.

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