

Research on the Value Connotation and Realization Path of University Scientific Research and Education under the New Economic and Management Strategy

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Abstract

Scientific research and education is an important link for colleges and universities to establish morality and cultivate people. Under the background of the strategic construction of "new economy and management", improving the school running level and school running level of colleges and universities needs to be realized through scientific research and education. After analyzing the value connotation of scientific research education and its relationship with "new management", this paper further discusses the problems existing in the specific implementation of scientific research education, such as concept and understanding, teaching and research relationship and scientific research environment. Finally, the corresponding countermeasures and suggestions are obtained, that is, the "new economic management" is to build a scientific research education system focusing on scientific research management education, scientific research activities education, teaching and scientific research collaborative education and scientific research evaluation education, strive to innovate educational methods, and let scientific research education play its due role and reflect its due value in the construction of "new economic management".

Keywords

New Economic and Management; Scientific Research and Education; Value Connotation; Realization Path.

1. Introduction

Scientific research and education is an important link of the "ten" education system in Chinese universities and a key topic for the deepening reform of higher education in the new era. Scientific research education can promote the education of all college staff and the whole process. Scientific research activities have huge functions in cultivating teachers and students' political consciousness, ideological style, thinking methods, team consciousness, academic morality and other aspects. Under the background of the increasingly prominent role and status of university scientific research, the balance of talent training and scientific research within the university has been inclined, and scientific research is gradually disconnected from teaching and separated from the goal of talent training. Especially in the process of scientific research, we often ignore the cultivation of students' scientific morality, academic integrity, political, ideological and cultural quality. From the research content, Taiping Liu (1995) proposed that "the fundamental task of China's colleges and universities is to cultivate all kinds of professional talents with creative spirit and creative ability who have solid basic theoretical knowledge and can independently engage in practical work. To achieve this goal, we must recognize the situation, change the traditional teaching ideas and methods, give full play to the educational function of scientific research, and organically combine teaching and scientific research activities." [1] Wenquan Shi (1996) put forward that "College Teachers in the 21st century are

facing new challenges in education, teaching and scientific research ability and quality." [2] Yu Yang (1999) pointed out that scientific research is the golden key to teaching and educating people [3]. Ling Zhong (2000) focused on the role of scientific research activities in talent training in Colleges and universities, and believed that college students' participation in scientific research activities is an important way to improve their comprehensive quality [4]. Wenli Pan (2004) drew lessons from Humboldt's thought of "the combination of teaching and scientific research", and believed that the combination of teaching and scientific research is of great significance for improving the academic level of university teachers, cultivating innovative talents, establishing a harmonious relationship between teachers and students and creating a unique campus culture [5]. Zhen Liu, et al. (2013) discussed how to cultivate innovative talents in the combination of teaching and scientific research activities, support high-quality teaching with high-level scientific research, and give full play to the function of scientific research and education [6]. Jing Wang and Junxiu Li (2017) stressed that modern universities are a community, and teaching, scientific research and culture constitute a complete education system [7]. Zaizhou Liu and Yibo Duan (2019) pointed out that the era value of university scientific research and education is great, which is of great significance for adhering to the socialist school running direction, implementing the fundamental task of "Building Morality and cultivating people", expanding the channels of Ideological and political work and promoting scientific and technological innovation [8]. Wandong Yin (2019) deeply analyzed the era value and profound meaning of scientific research and education in Colleges and universities, and deeply analyzed the existing problems and promotion mechanism of scientific research and education in Colleges and universities [9].

Under the strategy of "new economic management", we should not only see the advantages of the traditional disciplines of universities, but also accurately answer the essential question of "what kind of people to cultivate and how to cultivate people". Therefore, it is an important research topic to explore the educational function and laws of college scientific research function and effectively give full play to the educational function of college theoretical value and practical significance.

2. The Connotation of Scientific Research and Education

Building Morality and cultivating people is the call of the times, scientific and technological innovation is the core of the times, and abiding by scientific and technological ethics is the inevitable requirement for the healthy development of science and technology. Therefore, scientific research and education should keep pace with the times around these aspects. The times of scientific research and education determines that it is a long-term and endless work.

Scientific research activity is a special understanding and practice activity, which has a special function to cultivate good ideology for people who are learning to engage in this activity and moral character. As a kind of collecting information, processing information and creating information, scientific research activities undoubtedly have a very direct impact on people's ideas. Moreover, after their own hard cognition and exploration of the ideological understanding, to give people the deepest impression, the most likely to become their faith.

Scientific research and people refers to the process of improving teaching foundation with scientific research activities as the carrier, updating teaching foundation, updating teaching concepts and enriching teaching content as the means, combining teaching practice with scientific research, and realizing the educational purpose of knowledge teaching, ability training and thinking training. Teachers will introduce the scientific research content into the classroom or guide students to participate in scientific research activities, guide students to creatively use knowledge and ability, cultivate students' scientific literacy and practical ability, and improve their ideological, moral character and will quality. Scientific research and

education, people is the purpose. In the teaching process, we should always be student-centered, grasp the student characteristics scientifically, and transform the classroom from the knowledge transfer center to the practical application and creative innovation as the center. Scientific research and education, education is a means. It should be from "teaching" to "education", from knowledge teaching to subject education, help students upgrade their perceptual experience to rational understanding, and finally form a scientific thinking mode.

Since the development strategy of "New Economic Management" was proposed in 2018, guided by the real demand of economic and social development, it has achieved certain results in strengthening the supply-side reform of talent training, but it still needs to be continuously promoted and improved. Under the background of the construction of "new economic management", scientific research is an important support to improve the level and quality of talent training, and the top priority to improve the level and level of schools. To realize scientific research education, we need to rethink and position the scientific research development goals, clarify the scientific research development concept, and build a suitable scientific research education mode.

"New Economic Management" construction project, The fundamental task is to adapt to the background of new technologies and new changes in the new era, With the adjustment of industrial structure and the transformation of development mode, The need to put new requirements for the knowledge, ability and quality structure of senior professionals in economic management category, On the basis of respecting the law of education development and students' growth law, Student-centered, By adjusting the development objectives of discipline professional construction and discipline professional personnel training objectives, Reform and optimize the training plan of discipline and professional personnel, Scientific construction of the student knowledge structure, Pay attention to the cultivation of students' specialized thinking and professional technology, as well as the Internet, big data, artificial intelligence and other comprehensive literacy, We will better cultivate high-level applied economic management professionals that meet the new needs of regional and industrial economic and social development.

As an important way of talent training, scientific research is an indispensable carrier for cultivating innovative talents and the main link of students' innovative practice activities."New tube" is to build scientific research management education, scientific research activities education, scientific research evaluation education as the focus of scientific research education system, give full play to the function of college research education, guide teachers and students to establish the correct political direction, value orientation and academic orientation, cultivate students dare to be the scientific spirit, pioneering enterprising consciousness and rigorous and realistic scientific research style.

3. Several Problems that Need to be Paid Attention to in Scientific Research and Education in Colleges and Universities

Integrating Ideological and moral education in the process of scientific research, cultivating students' correct world outlook, outlook on life and values through scientific research activities, and improving students' political, ideological and moral quality are not only the natural place for universities to establish morality and cultivate people, but also the call of the great rejuvenation of the Chinese nation. In practice, most teachers can set an example and practice scientific research and education to a certain extent, which shows that there is a good foundation for university scientific research and education, but university scientific research and education still faces some problems that can not be ignored, which should be highly valued by all walks of life.

3.1. The Concept and Understanding of Scientific Research and Education Needs to Be Further Enhanced

For a long time, college educators habitually attribute the education work to the responsibility of management departments or ideological and political theory teachers, and lack of initiative and consciousness to undertake the education function and design the education work. Many college teachers do not realize the great significance of scientific research and education, which not only helps to improve the scientific research level of educators, helps to adapt to the requirements of personalized development of students, but also conducive to the innovative development of ideological education in colleges and universities. These teachers lack the awareness and consciousness of scientific research education. Even if they know the macro concept of scientific research education, they can not go deep into practice, let alone how to design and practice education. Therefore, college teachers' awareness of scientific research and education needs to be strengthened.

3.2. The Relationship Between Teaching and Scientific Research Should Be Further Unified

In terms of time and energy distribution, teaching and research need coordination; second, the main purpose of the teaching is to transfer knowledge, and the teaching attention to "preaching"; the research focuses on the ability of creative thinking. Teaching and scientific research are internally unified. Both are important forces to promote social progress, and promote and improve each other. The cultivation of most students' comprehensive literacy is still based on teaching, and the path of guiding scientific research practice with teaching problems has not been fully formed. The relationship between students and teachers is more the relationship between teaching and learning in the process of classroom teaching. Firstly, the content of teaching in scientific research innovation is the means and method of deepening teaching; secondly, the improvement of teaching level can provide a good talent base for future scientific research, while the interaction and teaching are conducive to the discovery of knowledge and scientific research.

3.3. The Scientific Research Environment Needs to Be Further Optimized

The development of scientific research helps to improve the academic level of the university, and form a strong academic environment and research atmosphere in the university, so that college students are imperceptibly influenced by the scientific spirit, good campus environment and cultural atmosphere during their study. The rapidly developing science and technology, increasingly diversified values and endless knowledge let us live in an era of change, a rich world, and also make it difficult to bring students complete knowledge and ability within a limited time. Teachers are not enough to build a scientific research team, the team is not close enough, and a considerable proportion of students have not entered the team, so the team has limited absorption of students; Even if a team is formed, the team only organizes scientific research business work. There is not much time and content for ideological and moral education, and the appeal is not enough. And the environment has an important impact on the formation of students' habits, the shaping of quality, and the improvement of personality. In order to achieve the goal of scientific research and education, colleges and universities need to break the barriers between departments, strengthen the cooperative research centered on the project, realize free interdisciplinary exchanges, and thus create a multi-heterogeneous learning environment and exploration atmosphere to promote the all-round development of students.

4. The Realization Path of Scientific Research and Education under the New Economic and Management Strategy.

Scientific research education reflects the innovation and development of talent training in colleges and universities, play the role of scientific research education workers long-term unremitting efforts, to reflect the times, grasp the regularity and rich creative ideas, actively expand education content, improve the pertinence of scientific research education, efforts to innovate education methods, in the construction of "new tube" to do scientific research and education "same frequency resonance".

The realization of scientific research education, education should be educated through scientific research management, scientific research activities, and scientific research evaluation. Optimize the path of scientific research and education, and give full play to its educational function. Improve the understanding of teachers and students of the importance of scientific research and education; improve the evaluation system and mechanism of scientific research and education team, and build a broader platform for scientific research and education.

4.1. Scientific Research, Management and Education

Scientific research management and education means that it is necessary, according to the talent training objectives and scientific research development level of different types of universities, establish a scientific research and education-based scientific research and education mechanism, and run the correct value orientation through each link of scientific research management. Colleges and universities should establish a scientific and reasonable leadership system that can take charge of the overall situation and smooth command, and a long-term mechanism with clear levels, benign docking and joint management. Starting from the positioning of the school, with discipline construction as the leading role, do a good job in the top-level design of characteristic majors. We will build a high-level scientific research platform, cultivate multi-level scientific research teams, and create a number of disciplines and leaders and leaders. Respect the scientific research and innovation status of university teachers, expand scientific research autonomy, reduce the intervention of management departments in academic activities, formulate reasonable scientific research incentive measures, and pay attention to the long-term development of schools, teachers and students in scientific research activities.

4.2. Cultivate in Scientific Research Activities

Scientific research activities refer to make students fully familiar with and experience all links of scientific research, through participating in routine scientific research training, competitive scientific research activities and scientific research activities oriented to the society, constantly promote the transformation of scientific research achievements, and combine personal value with social value. Scientific research activities will be deeply integrated into the talent training process to strengthen the cultivation of students' innovation ability. We will deepen the integration of industry and education, school-enterprise cooperation, and realize the "three chains" of education chain, industrial chain and innovation chain.

Pay attention to the construction of scientific research and education team, enhance the interaction between teachers and students in the team, let them infect students through teachers' scientific research spirit, cultivate students' cooperative spirit and hard work spirit, and build a positive scientific research and education environment.

It is of great significance to the talent training of universities in the new era to build a scientific research education mechanism of universities and absorb students to participate in scientific research practice, and cultivate high-quality talents with correct value orientation, cutting-edge innovation consciousness and outstanding innovation ability. Scientific research is not only

limited to professional innovative research, but also the cultivation of scientific spirit, teachers' research on teaching, and the improvement of students' scientific research ability should all become important parts that universities cannot be ignored in evaluating scientific research.

4.3. Collaborative Education of Teaching and Scientific Research

From the basic means of talent training in Colleges and universities, teaching is mainly to help students accumulate knowledge and form a reasonable and systematic knowledge structure and system, and the cultivation of innovative consciousness and ability is inseparable from scientific research activities. The combination of teaching and scientific research is not only the internal requirement of the law of talent training in Colleges and universities, but also the fundamental way to cultivate innovative talents. Because the relevant professional knowledge taught by teaching has laid the foundation for scientific research, and the training of scientific research process is the medium and catalyst to transform knowledge into ability. Only with innovative research results can we cultivate innovative talents. We should strengthen scientific research, enrich teaching content and promote teaching work with the achievements of scientific research. Improve students' scientific research training guidance system, promote the integration of teaching and scientific research between teachers and students, and enable students to obtain continuous and in-depth scientific research practice under the guidance of a stable team of teachers.

Teaching and scientific research, as two major ways of talent training in Colleges and universities, are not only opposite and conflict, but also promote each other. Only by deeply understanding the essential law of the relationship between the two, exploring the ways and mechanisms of their dynamic balance, and making them organically combined, coordinated and interactive, can we inject vitality into innovative education and better improve the quality of talent training.

4.4. Scientific Research, Evaluation and Education

Scientific research evaluation and education is to establish a scientific and reasonable scientific research evaluation system, encourage teachers and students to take root in scientific research, and enhance students' sense of contribution and gain to participate in scientific research. Pay attention to the evaluation of the quality, ability and research level of researchers or teams, the evaluation of researchers, especially teachers, to talent training in scientific research, and the continuous investigation of the achievements and subsequent development of the trainees as the evaluation basis for teachers' scientific research and education. Make teachers have the responsibility and obligation to bring scientific research into the classroom and give play to the educational function of scientific research. Pay attention to the evaluation of the combination of scientific research ability and scientific research morality, so that researchers are not only satisfied with the improvement of scientific research ability, but also should cultivate scientific research spirit and scientific research morality in the process of scientific research.

In organizing, leading and guiding students in scientific research, they should cultivate not only their scientific ability, but also their scientific ethics; not only their general principles, but also their correct world outlook, outlook and values.

Scientific research and education is the call of the development of higher education. An important feature of a modern university is that it has certain research attributes and undertakes the task and mission of scientific research. Moreover, research and teaching are closely combined together to jointly achieve the educational goal of higher education, and to contribute to the country's scientific and technological development and social progress. In the contemporary world, there is an increasing proportion of scientific research activities in universities.

From the perspective of Chinese universities, scientific research plays an increasingly important role in the universities. Scientific research activities have become more and more the internal requirements of education and teaching itself, and the occasion and way for college students. Pay attention to the study of practical problems in the process of local social and economic development and the excavation of local resources and traditional culture. Cultivate more aspiring young people, actively devote themselves to the cause of scientific research, and become new people with scientific spirit and good at scientific research.

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