

Research on Strengthening Quality Education and Training Mode of Innovative Talents in Petroleum Universities

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Abstract: In the era of knowledge economy, quality education is an important guide to the transformation of educational ideas and concepts in colleges and universities, and a pointer to deepening teaching reform. The core of talent competition is the comprehensive quality of people. The comprehensive quality education for college students has become the requirement of the petroleum college education reform. Therefore, guided by quality education, changing the concept of personnel training and innovating the mode of personnel training are the inevitable choices for the healthy development of higher education in petroleum universities.

Keywords: Quality Education; Innovative Talents; Study on Culture Mode.

1. Introduction

The thesis is oriented to the challenge of the development of higher education in petroleum universities in the era of knowledge economy. Based on the scientific and reasonable analysis of the value of quality education and talent training mode in petroleum colleges and universities, the social development demands for innovative talents in petroleum colleges and universities become more and more large. To better train application-oriented innovative talents, it is necessary to optimize and perfect the corresponding training mode. Based on this, the paper mainly studies and analyzes the reform of application-oriented innovative personnel training mode based on quality education, and puts forward corresponding improvement measures in the hope of providing certain help for the reform and optimization of personnel training mode in petroleum universities in China.

2. The Current Situation of Strengthening Quality Education and Training Innovative Talents in Petroleum Colleges and Universities

1) The overall analysis of the current situation of teachers in petroleum colleges and universities and the training of quality education and innovative talents shows that most teachers in petroleum colleges and universities not only have firm ideals and beliefs and noble spirit of dedication, but also have high attachments in professional fields. However, there are still some colleges and universities have not established the scientific concept of development of higher education, which is mainly reflected in two aspects. First, they do not pay enough attention to and grasp the important significance of the construction of college teachers. Second, there is a lack of perfect policy mechanism and long-term mechanism for teacher training in colleges and universities, and there is insufficient guarantee for teacher training and continuing education. For example, some teachers only pay attention to the research and study of professional knowledge, but do not pay attention to the cultivation and improvement of

ideological and moral qualities, and while teaching professional knowledge, it is difficult to establish the image of being a teacher to guide students, and they show a serious atmosphere of excellent performance in normal academic exchanges and teaching research. Teachers fill the classroom, almost no communication and exchange between teachers and students, such teaching methods seriously restrict the development of students' creative thinking. Although the above mentioned phenomena are done by very few teachers in colleges and universities, their negative influence is great, which greatly hinders the process of comprehensively and deeply promoting quality education in colleges and universities.

2) Current situation of school management in petroleum colleges and universities, quality education and innovative talent training School management is the environment in which any specific educational means can operate, and only on this platform can specific quality education means run and realize their functions and values. However, there are inevitable conflicts between the management mechanism and management system of traditional education and the ideas and measures of quality-oriented education. Therefore, the traditional school management urgently needs to be reformed from the perspective of quality-oriented education and establish a new management system and mechanism that ADAPTS to quality-oriented education. Develop new methods and means of school management which are suitable for quality education. Establish the new school management idea which is suitable for quality education; To form a new school management goal which is consistent with the requirements of quality education; Only such school management can build a good operating environment and effective operating platform for quality education rather than a hindrance.

3) The present situation of the curriculum system of petroleum colleges and universities and the teaching and curriculum of quality education and innovative talent training are the Bridges and links for colleges and universities to achieve the goal of talent training, and are the focus of all the work of colleges and universities. The traditional university

curriculum is usually subject centered and courses are structured accordingly. First of all, many colleges and universities have set up a large number of elective courses in addition to professional courses, which is beneficial for cultivating versatile talents. However, almost the existing teaching courses are mainly based on classroom instilling knowledge, while there are few practical and practical teaching links, and students spend most of their time on the study of textbook knowledge. As a result, students' learning style is rigid, mainly relying on a single rote learning to obtain, which is not conducive to cultivating students' practical innovation ability. Secondly, the curriculum of many colleges and universities is unreasonable, focusing only on the construction of professional curriculum system but lacking corresponding systematic research and demonstration on the construction of ideological and political theory curriculum system. As a result, although many college students have strong professional knowledge and professional skills, they lack scientific world outlook, life outlook and values. Showing strong utilitarianism and individualism, it is difficult to train qualified talents needed for socialist modernization. Third, the curriculum system of many colleges and universities cannot keep up with social development, and the gap between the curriculum structure and content and the actual job demand is too large. Some elective courses are offered without careful demonstration and research, but only to meet the teaching workload of some teachers. Students lack sufficient knowledge in course selection and blindly select courses for credits, resulting in a lot of knowledge learned by students that is divorced from the professional knowledge required by the actual job, and even a lot of knowledge has gone out of date after graduation. Resulting in a waste of human resources.

3. Ideas of Strengthening Quality Education and Training Innovative Talents in Petroleum Colleges and Universities

3.1. The Essence of Quality Education is People-Oriented

To cultivate more comprehensive talents with all-round development of morality, intelligence, physical and labor can lay a good talent foundation for the stable development of our economy. Therefore, at present, one of the most important criteria to measure the quality of petroleum college education is whether it can promote the all-round development of students and adapt to the development of society. In the process of reforming and optimizing the training mode of applied innovative talents, petroleum colleges and universities must adhere to the standard of quality education and people-oriented teaching concept, so as to provide more comprehensive teaching for the development of students. Therefore, the relevant management departments must solve the problem of weak innovation and practical ability in the current stage of college education, deepen the implementation of the concept of quality education, and constantly improve the quality of teaching.

3.2. Cultivate College Students' Ability to Innovate and Practice

When carrying out related education, petroleum universities not only train students to have advanced

theoretical knowledge, but also pay more attention to the cultivation of students' practical ability and innovative ability. It can be said that the cultivation of these comprehensive abilities is far from enough only to carry out theoretical knowledge teaching in the classroom, but also to guide students to carry out innovative practice and effectively promote the all-round development of students. The educational goal of colleges and universities is to enable students to further improve their intelligence, practical ability and innovative ability under the premise of having certain theoretical knowledge, and finally cultivate comprehensive talents needed for social development.

3.3. Acquisition of Core Ability of Petroleum College Students to Adapt to Social Development

At present, China's social economy is in a stage of rapid development, knowledge economy is becoming more and more important, many people began to set lifelong learning as a goal, it can be said that in this era of rapid development, we must always learn, only in this way to keep up with the development of The Times. Therefore, petroleum colleges and universities must strengthen the cultivation of students' lifelong learning ability, strengthen the quality education of students, and then comprehensively improve the comprehensive quality of students, so that students can better adapt to the development and progress of The Times, so as not to be eliminated by The Times.

4. Approaches of Quality Education and Innovative Talent Training in Petroleum Universities

4.1. Improvement of the Evaluation System of Quality Education and Innovative Talent Training Model for Petroleum Universities

The construction of the evaluation system of quality education for petroleum universities should take guiding and promoting the overall development of college students as the starting point, and take whether college students' subjectivity is given full play as the basis. The main line is the evaluation of teaching activities and practical activities. In the new era, in order to meet the needs of economic and social development, university education presents diversity, so the evaluation of talent training must also pay attention to diversity. Establish and improve the evaluation system of petroleum college students' quality development training program, truthfully record the important experience and main achievements of each college student's comprehensive quality training and development during their study in colleges and universities. Ensure the authority of the certification of quality development training results, take the assessment results of quality development training and professional learning assessment results in a scientific proportion as the comprehensive quality evaluation results of college students, and conduct career goal selection and recommendation assessment of college students through the comprehensive quality evaluation results, and establish and improve the long-term incentive mechanism of quality development training of college students. Maximize the subjective initiative and enthusiasm of college students to actively participate in quality development training.

4.2. The Construction and Improvement of Career Planning Innovation System for Petroleum University Students Refers to the Combination of Individuals and Organizations to Determine the Best Career Goal and Make Effective Arrangements for Achieving This Goal on the Basis of Measuring

analyzing and summarizing the subjective and objective conditions of a person's career. Its significance lies in: accurately assess the gap between personal goals and current situation; Accurately assess personal characteristics and strengths; Petroleum colleges and universities should strengthen the guidance of career planning among college students by offering career planning courses to guide college students through self-assessment and analysis of environmental factors, combined with career ideals and career expectations, with the help and guidance of school teachers, scientific and reasonable planning of college study, life and work, and comprehensively improve their comprehensive quality and employment competitiveness. Lay a good foundation for the future job.

4.3. Improvement of Innovative Curriculum System and Training Program

In order to carry out scientific and reasonable reform and improvement of personnel training mode in petroleum colleges and universities, relevant staff must develop more effective classroom system and training program. In addition, in the process of formulating the curriculum system for applied innovative talents, university managers must combine the actual needs of social development and pay attention to the all-round development of students. Moreover, petroleum colleges and universities should offer more general education

courses as much as possible, so as to effectively improve the comprehensive quality of students. At the same time, in the construction of relevant professional courses, in addition to helping students form a professional theoretical basis, it is necessary to speak and practice effective training of learning and thinking ability.

5. Conclusion

The talents cultivated under the traditional personnel training mode of petroleum colleges and universities can no longer meet the development needs of The Times. In order to achieve the training of application-oriented innovative talents, the relevant management departments of petroleum colleges and universities must carry out scientific and reasonable optimization and reform of the corresponding personnel training mode, strengthen the quality education of students and improve their innovative ability. Cultivate students' ability to find and solve problems, and then comprehensively improve the quality of education in colleges and universities, effectively improve the quality of application-oriented innovative talents, and better meet the development needs of The Times.

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