Practical Teaching Exploration Based on the Cultivation of Graduate Students' innovative and Practice Ability

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Abstract. In order to better conform to the development trend of the new era and deliver fresh and high-quality talent blood for the social modernization, colleges and universities are now focusing on cultivating students' all-round quality and ability. Graduate students, as one of the high-quality talents, especially need to strengthen the cultivation of their innovative practice ability. This paper starts from the discussion of practical teaching, and gradually expounds the great positive role of practical teaching in the training of graduate students' innovative practical ability, and puts forward some constructive suggestions for the benign development of practical teaching in the future.

Introduction

At present, the era of knowledge economy in the 21st century, more attention is paid to the quality and efficiency of development and cultivating high-level innovative talents has become the international mainstream. Postgraduate education is one of the most important ways to cultivate high-quality talents in our country. Therefore, how to improve the quality of postgraduate teaching has become a major issue. Practical teaching emphasizes on practical training. It has been proved by practice that practical teaching plays a significant role in the structural optimization of postgraduate training mode and the perfection of education system. It is an important way to cultivate innovative talents.

Analysis of the Characteristics of Practical Teaching

Explanation of practical teaching: the teaching teacher gives theoretical guidance to the students according to the course requirements of the major, then the students use the theories and methods they have learned, and combine their own cognition and thinking to plan, design and operate the course content independently. Practical teaching and theoretical teaching are related to each other, but different from the latter one, practical teaching is more related to the logical concept existing in practice and pays more attention to "practice attribute"—the basic attribute of learning. Theory originates from practice and guides the further development of practice, this benefits from the unique understanding of knowledge view, values, epistemology and methodology contained in practical teaching. Compared with the traditional teaching mode, practical teaching overturns the previous single-direction teaching mode. It is more open, scene and interactive, enabling students to explore their personal qualities in the process of practice. The whole teaching process is more realistic, focusing on students' practice process, practice effect and practice perception.

Compared with traditional teaching methods, practical teaching has the following excellent characteristics.

The most outstanding feature of practical teaching is its diversified forms. It has abandoned the previous one-way teaching mode and broken the closed, static, fixed and unequal teaching dilemma. Its main forms can be divided into social practice and simulation operation. When students participate in social practice activities such as social investigation, social voluntary labor and social volunteer activities, they can directly feel the impact of social production activities. In addition, students can design their own scenes similar to the real environment to provide a more real place for teaching activities.

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Practical teaching is more targeted, effective and timely in teaching content. Teachers should make teaching arrangements according to the specific requirements of specialized courses and take the syllabus as the guiding standard. Due to the students' knowledge reserve is not enough and their practice ability is not strong, the teaching content must be based on the study of the theory and method. The focus of teaching activities should be on improving students' practical ability, so that students' theoretical learning results can be put into practical operation. In addition, each teaching link should be labeled with a "new label." The teaching content should not only reflect its own professional characteristics, but also meet the needs of the development of the new era.

The Role of Practical Teaching in Cultivating Graduate Students' Innovative and Practical Ability

Stimulate Learning Initiative and Cultivate "Problem Innovation Consciousness"

Such as a "gold" theory, its value is often born in practice. The purpose of learning itself is to constantly find and solve problems. Usually, our understanding of learning is still in the theoretical part, ignoring the focus of practical innovation. At present, there are still a lot of teaching errors in China's higher education, the state education is still difficult to distinguish the boundary between knowledge and practice, only emphasizing the memory and understanding of knowledge points, but ignoring the practical application of theoretical knowledge and follow-up thinking. Practical teaching is dominated by graduate students, and the most distinctive characteristic of this kind of teaching method is its hands-on and intuitive feeling. After several rigorous selection examinations, most students have developed a strong awareness of learning subjects when they enter the stage of postgraduate study, but what they lack is reasonable selection and methods. The essence of postgraduate study is to initiate spontaneous thinking on problems. In the absence of practical experience, it is a better choice to return the autonomy of learning to students' union than to a single classroom teaching mode. Once students develop an active learning attitude, the teaching quality of the course can be improved to a large extent. Based on solving old problems, students can explore new problems, and the research work will develop by leaps and bounds, with innovative results increasing day by day.

To Realize the "Flying Personality" and Broaden the Thinking Space

Cultivating high-quality talents in various fields is the focus of national education, and emphasizing individual development of people is the prerequisite to avoid single and backward culture. The fixed and outdated teaching and training mode constrains the individualized development of students, ignores the self-feeling of students in the process of learning, and leads to the inability of students to give full play to their creative potential. Promoting students' comprehensive, free and individual development is the ultimate value goal of practical teaching. Practical teaching takes students as the starting point, broadens the space for independent thinking, and encourages students to develop the habit of thinking diligently through a series of course practice activities. In front of the huge knowledge network, broadening the thinking space can help students sort out the relationship between knowledge points, strengthen the practical application ability of theories, and stimulate their thinking on new things. Practical teaching will be thinking of the opposite sex, open, rising fully exposed in front of the students, so that students dare to break through the conventional, breaking away from the shackles of authoritative theory.

Cultivate Innovative Spirit and Scientific Research Ability

Only advanced theories and methods are not enough. We still need a strong spirit of innovation and practice to equip our scientific research brain. The practical teaching has fully trained the students' spirit of seeking, which includes many excellent qualities, such as perseverance, courage, and hard work, and has become a powerful spiritual pillar for graduate students in the process of academic research and scientific creation. The most essential characteristic of graduate students is "research." The essence of research comes from the exploration and innovation of objective things. Practical
teaching deepens students' understanding of theoretical knowledge, explores the initiative of postgraduates in solving problems, and guides students to generate new understanding and thinking.

Some Suggestions on Practical Teaching

The Practical Teaching Shall be Incorporated into the Normal Cultivation System of Postgraduates

Although practical teaching plays a significant role, it has not been set up in the normal teaching work in China. It is the key to cultivate innovative talents to correctly understand and deal with the relationship between theoretical knowledge and practical innovation. From this reality, it is very necessary to bring practical teaching links into the normal teaching system of postgraduates. Practical teaching links should be regarded as one of the important evaluation content of students' achievements, and teachers' teaching content must also cover a considerable proportion of practical teaching activities. In addition, it is necessary to establish a perfect and independent practical teaching evaluation system to evaluate the practical learning of postgraduates and the teaching of teachers reasonably and justly.

Strengthen the Participation of Teachers in Practice and Improve their Teaching Ability

Teachers' guidance to students has a significant influence. Even though the main body of practical activities is students themselves, the theory and experience guidance of teachers can help students make great progress to a large extent. Therefore, it is an important task to improve the teaching ability of teachers. On the one hand, teachers should be encouraged to actively participate in relevant social practice activities and accumulate professional experience in the process of practice. On the other hand, in order to provide a good external environment for practical teaching of postgraduates, it is necessary to organize teachers to compile practical teaching contents and construct practical teaching laboratory.

Increasing Funding for the Work of Practical Teaching, Intensify the Practice of School-enterprise Relations

The practical teaching leading group of related subjects should be set up in the university, and the independent practice place serving practical teaching work should be planned uniformly, to ensure the graduate students have enough practical operation time. If conditions permit, the university may establish a friendly cooperative relationship with the units outside. By signing a cooperative training agreement, the university may establish a practical teaching base outside the school and strive for valuable social resources for students. In view of the practical teaching of the corresponding specialty, the school still needs to invest a certain amount of funds to update and supplement the practical equipment and teaching materials to ensure that the teaching work keeps pace with The Times.

Strengthen Practical Teaching Experience Exchange, Promote Practical Teaching Reform

Universities and social units should establish a common talent training mechanism, exchange practical teaching experience with each other, and apply theoretical learning to relevant social practice, to achieve "useful learning." The demand of social development for human resources can also be reflected in the teaching work of schools, to "fill the gaps." They can also increase the opportunities for learning and teaching interaction, sending graduate students and teachers to each other to balance the domestic education level, and make up for the shortage of education quality in some regions. The government should lead and organize qualified universities or individuals, select outstanding students to participate in advanced scientific research activities abroad, and send
outstanding teachers to foreign universities or institutions to learn advanced teaching concepts and methods.

Conclusion

With the continuous development of higher education, it is an inevitable trend to strengthen and improve the innovative and practical ability of postgraduates. The author believes that, a mature and effective teaching system will be formed, with the continuous exploration of practical teaching workers, which will make a significant contribution to the cultivation of practical innovative talents in China.

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