Research on the Quality Improvement Mode of Practical Education in Colleges

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Abstract

Social practice education should be a comprehensive education mode integrating colleges, society, students, and other factors, which is an important content of truly comprehensive education and realizing quality education. As college students receiving higher education, they are in the critical period of rational belief and sound personality shaping. Whether they can become a qualified socialist builder or successor, a college education plays a role that cannot be ignored. Under the condition of integrating multiple resources, colleges should realize the full play to the strengths of each student and realize the real goal of education, which is not only the requirement of colleges themselves but also the era development for college education. By considering the relevant theory and current situation, this paper puts forward the shortcomings of practical education in colleges. Taking the School of Electrical and Electronic Engineering of a university in Chongqing as an example, this paper expounds on the innovative mode of exploring practical education and puts forward targeted countermeasures and suggestions for improving the quality of education. The analysis of theoretical research and practical research in this paper helps to form synergy from the aspects of society, government, enterprises and institutions, social groups, and college students, jointly promote the effective improvement of the quality of practical education in colleges, and put forward effective strategies.

Keywords

Colleges, Social Practice, Quality of Education

1. Introduction

Marxist practice view is the theoretical basis and guideline of practical education in colleges in the new era (An Li, Li Xijuan, & Lu Xinshan, 2022). Marx said: "All social life is practical in essence, and the essence of man is not an abstraction inherent in a single person. In its reality, it is the sum of all social relations". The essence of human beings is actually determined by social relations, and social relations are determined by social practice, so the essence of human beings is fundamentally determined by social practice (Ding Haikui, He Yunfeng, & Gong Xiangning, 2022). People need to constantly improve themselves in social practice, and then realize their own essence. Practice is the process from understanding to transforming the world, but also the process of self-knowledge and self-transformation, and the process of realizing self-value. Practice activities emphasize human initiative, initiative, and creativity, and the practice concept highlights human subjectivity (Liu Lifei, 2022). As a kind of social life, education is practical in essence, a special practical activity, a social practice activity that has a dual impact on the material and spiritual aspects of human beings, and an important way to understand the nature of human nature. Education, as a kind of practical activity, has
the function of practical education (Luo Hongxue, Wang Li, & Wang Xinghao, 2023). The educational exploration of colleges based on practice is effective. Its purpose is to provide a steady stream of reserve talents for national prosperity and national rejuvenation, which also puts forward higher standards and requirements for practical education work in colleges (Hu Fuwen, 2021).

At present, practical education in colleges is mainly carried out from three aspects: practical teaching, military training, and social practice. To carry out ideological education in colleges under the vision of great thinking and politics, it is necessary to combine practice, realize the intrinsic value of ideological education, change it into our ideas, and provide support for their subsequent development. The implementation of the practical education mode in place will help to strengthen the connection between students and society, establish the correct values, and ensure the stability of society (Peng Liping, 2022). To make practice education achieve the desired purpose and effect, need to strengthen the combination and interaction between the subject, build mutual need, mutual benefit, and interconnection of a win-win cooperation mechanism, so that play to educators and students’ independent spirit, realize the innovation and universality of practice education, make practice education set up school and society, the bridge between education and economy (Wang Yuqiong, 2020).

2. The Main Problems Existing in Practical Education in Colleges

2.1 The Positioning of Practical Education Is not Clear and the Operation Mechanism Is not Smooth

After years of exploration and development of practical education, all colleges can promote their own reality, and achieve corresponding results to a certain extent. However, the overall layout of practical education work in colleges lacks the overall situation, the top-level design is not enough, the lack of sufficient overall awareness of practical education work, and the lack of classified guidance arranged according to the characteristics of different schools, students, and majors, leading to the ineffective effect of practical education in the process of social practice (Wei Qianqian, Yi Junpeng, & Li Zhixun, 2021). The existing social practice activities and teaching practice activities have also failed to achieve systematic practical education, and the cooperation between colleges and social organizations and institutions is not enough. Some colleges mainly focus on classroom theory education and lack corresponding off-campus teachers and practice bases, making it difficult to carry out effective joint education with off-campus institutions.

2.2 The Content of Practical Education Lacks Innovation and the Education Effect is not Remarkable

Various forms of practical activities are conducive to improving the enthusiasm and initiative of young college students, transforming theoretical knowledge into practical results, and deepening their self-cognition of society, to improve their comprehensive quality. Practical education in colleges always adheres to the classroom as the main position, using the way of theoretical preaching to cultivate talents, the lack of experiential education as the teaching content of the same content, lack of innovation, heavy form, light content phenomenon (Yuan Shuai, 2022). The lack of self-awareness and innovation in practical education work, and low-quality and untargeted activities reduce the enthusiasm and enthusiasm of young college students to participate, and there is still a gap in the student-centered education.

2.3 Insufficient Investment in Practical Education and the Lag in Team Construction

Colleges have limited investment in practical education, which affects the quality of talent training to some extent, and it is difficult to meet the needs of Xi Jinping Thoughts on Socialism with Chinese Characteristics for a New Era. The practical education team is an important force in the talent training team of colleges. They determine the quality of practical teaching and social practice activities in colleges, and they are also the main promoters of practical education work. Many colleges have set up special practice education institutions, but full-time staff, although through the integration of education courses teachers, counselors, party and government cadres, and philosophy and social science backbone teacher resources, the lack of professional systematic, not well guides students to carry out the practice education, and the new era under the background of high-quality practice education requirements gap.

3. Explore the Innovative Mode of Practical Education

This paper takes the School of Electrical and Electronic Engineering of a university in Chongqing as an example to explore the innovative mode of practical education. The college has more than 3,400 students (including nearly 600 graduate students) and pays attention to the cultivation of students’ engineering practice ability and scientific literacy. Graduates have solid basic knowledge, strong practical ability, and brave innovation, which is generally welcomed and
affirmed by society.

3.1 Contain a Brand

Always will "learn, practice, to use" as the core goal, with the construction of "second classroom transcript" as the gripper, actively organize students to participate in the practice activities at all levels, guide college students will sit and from the combination of practice, knowledge, learning in research, growth in the exploration, further master professional knowledge, grinding professional skills, constantly cultivate high quality applied talents, further enhance the quality of college personnel training, build practice education brand.

3.2 Build a Bridge

Build a bridge between "learning" and "doing", in the process of carrying out various practical activities, organically combine "learning" and "doing", rely on the professional teachers of the college, carry out practice activities closely combining professional knowledge, and constantly enhance their professional knowledge reserve.

3.3 Practice the Three Spirits

To college student party member service station, e maintenance of the national dynamic youth league branch and "E line E" volunteer service series of activities for the gripper, mining practice education connotation, the social practice, science and technology competition, volunteer service activities of the communist spirit of the model spirit and spirit, the Lei Feng Spirit into the students' ideological and political education "education courses", for the contemporary college students grow up cast the soul guide.

3.4 Build Three Platforms

Build a network publicity platform, education and training platform, and off-campus practice platform, aiming at improving the quality of ideological and political work in colleges, relying on the "E Study-E action" network culture studio, Creating a new media brand of "Electronic Life", forming a characteristic new media pattern with the main battlefield of we-media, such as Weibo, WeChat, and QQ, actively exploring the carrier innovation of the ideological and political education of college students in the "micro-era". It is necessary to create a comprehensive, multi-level and multi-voice ideological and political work new media matrix, build a network propaganda platform, give full play to the function of network education, and combine online ideological and political work with daily ideological and political work and student management work, problem-oriented and precise policies; Goal orientation, highlight value orientation; To educate people, adapt to the needs of The Times, and fully serve the growth of students.

Relying on the college practice innovation center electronic design training base, make full use of the college professional teacher's strength and scientific research platform, build practice education new carrier, build education training platform, further promote teaching teaching mode, strengthen the construction of competition project gradient, further improve college students 'scientific and technological innovation research, training, training of extracurricular link, through the old new form student interest group, each group has practical experience teachers guide innovation practice guidance, to cooperate with the first classroom teaching practice set up a good education carrier, effectively improve the college students’ technological innovation ability, constantly lead the college students' practice innovation.

We have actively expanded new ways of after-campus practical education, invited outstanding alumni to participate in student practice activities many times, and cooperated with more than 20 outstanding enterprises to build an after-campus practice platform and build a practice base.

3.5 Build Four Teams

Build counselor team +; student cadre team +; professional teacher team +; off-campus mentor team. Strengthen team building, combine training and learning with practice improvement, and promote the professional and professional development of counselors' self-growth and practical education. Relying on the student cadres and student party members of the college, we train the student team, closely combine the league work and practical education, carry out various forms of offline and online practical activities, and promote the ability improvement and self-growth of the student team. Relying on the professional teachers of the college, we organically combine professional knowledge with practical education, guide students into the laboratory and teacher projects, explore the practical resources of professional teachers, and provide students with a better practice platform and practical guidance. Mobilize the alumni of the college, excavate the alumni resources, expand the practice path, actively enter excellent enterprises, select excellent off-campus
tutors, and provide better practice opportunities for students.

4. Improvement Countermeasures and Suggestions for Practical Education

(1) To explore the practice education into the new engineering personnel training education mode, the training of socialist builders and successors as the fundamental goal, from the perspective of education and talents scientifically reasonable talent training mode, the practice education into talent training plan, system design practice education system, cultivate a high comprehensive quality and business ability of teachers, form for reference, promote the effective path and method (Zhu Xiaomei, 2023).

(2) Explore the connotation of practical education, integrate the spirit of model workers, craftsman spirit and Lei Feng spirit in the communist spirit contained in social practice, science and technology competition, volunteer service and other activities into the "great ideological and political course" of students' ideological and political education, and lead the way for the growth of contemporary college students.

(3) innovative practice education content, combining with the characteristics of students' professional discipline, to student demand as the guidance, firmly establish the student of practice education concept, respect students' differentiation and personalization, accurately grasp the contemporary college students most concern, what most need what, targeted for students happy practice "menu", build various forms, rich connotation, innovative practice education system (Zuo Ning, 2023).

(4) Create a distinctive brand of practical education, and build a scientific matrix of practical education. Combined with the new engineering background of the students professional discipline characteristics, strengthen the classification guidance, fully excavate the school culture elements, the existing resources into the intrinsic motivation of practice education work, innovative unique content elements, rich and colorful activities, stimulate young college students' interest in social practice education, increase the participation of social practice activities. Summarize and summarize the series of landmark achievements formed in the process of practical education, tell the practice stories of college students in the new era well, and give full play to the function of school practical education.

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