

Study on the Mode of Ideological and Political Education and Scientific Research in Higher Vocational Colleges

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Abstract: *In order to implement the party's twenty great spirit, our school fully excavates the ideological and political elements in the curriculum, and realizes the ideological and political education function of professional courses. Actively change the way of ideological and political education, realize the multi-pronged approach, explore the construction of ideological and political and scientific research collaborative education mode and strategy, and help improve the education work of higher vocational colleges.*

Keywords: *University; ideological and political; scientific research; education mode*

1. Preface

Our school in the implementation of the party's 20 spirit, always adhere to khalid ents, give play to the advantages of teachers, strengthening curriculum construction standard, the application of classroom teaching, promoting ideological education quality construction and development, the education work reform and innovation through the whole to the scientific research process, comprehensive build education and scientific research collaborative education. This requires ideological and political teachers to realize the function of ideological and political and scientific research collaborative education on the basis of fully excavating ideological and political elements. It is the direction of colleges and universities to actively change the ways and methods of ideological and political education, realize a multi-pronged approach, and jointly build a perfect ideological and political and scientific research system. On the basis of the study of ideological and political education in higher vocational colleges, this paper puts forward the mode and strategy of collaborative education between ideological and political education and scientific research, so as to help the improvement of education in higher vocational colleges.

2. Twenty-ten requirements for ideological, political and scientific research

To study and implement the Party's 20th Congress, it is fundamentally to study, understand and implement the spirit of General Secretary report on the Party's 20th Congress "Hold high the great banner of socialism with Chinese characteristics and strive for building a modern socialist country in an all-round way"[1]. In the face of the overall requirements and the needs of high-quality development of ideological and political colleges and universities, the majority of teachers need to fully learn and understand the spirit of the party's 20 report, comprehensively integrate the learning and understanding into the whole teaching link and scientific research, and firmly implement the new requirements of the Party's 20th report for ideological and political education and ideological and political education. Ideological and political aspects need to draw strength from the party's 20th report, seek breakthrough points and innovation points in ideological and political aspects, grasp the general trend of development in the challenges, and realize the vigorous development of ideological and political education.

The party's 20th report also puts forward new requirements for us to carry out scientific research work, which is to take the guidance of Marxist theory, establish the correct world outlook and methodology, establish the scientific research concept of serving the people and problem-oriented research methods[1]. It is necessary for the teachers in higher vocational colleges to establish the correct world outlook and methodology, and on the premise of doing the scientific research work well,

can they implement the scientific research work, solve the practical problems, and finally serve the society.

3. The status quo of ideological politics and scientific research

With the development of society and the high requirements for ideological and political development, ideological and political courses in colleges and universities need to keep up with the development of The Times in student education. Colleges and universities are exploring ways to change ideas and teaching methods to promote Marxist theory and ideological and political education. This article mainly expounds on the ideological and scientific research status of Shaanxi Energy Vocational and Technical College. Because the ideological and political courses have the characteristics of timeliness and rigor, we must keep up with the situation, keep pace with The Times, and constantly update the teaching content. In the new era, it is necessary to quickly integrate the twenty-great spirit into the classroom teaching. In the course of teaching, we should pay attention to spiritual guidance. In the classroom teaching, we should strengthen students' history view education, cultivate students' deep feelings for the motherland, use fresh cases to infect students, help students correct their attitude towards life, and shape the correct "three views"[2]. Now our school in ideological education course learning using offline and online teaching, school education teaching teachers use know APP, wisdom platform, and on the platform for the courseware upload, curriculum arrangement, homework assignments and exam issued for auxiliary teaching and examination, convenient students anytime and anywhere course learning and consolidate knowledge, also students to don't understand knowledge to ask questions at any time, arrange professional teachers to reply. However, the School of Marxism does not fully integrate the existing teaching resources, and the students can only learn according to the knowledge points taught by the teacher, and they are only satisfied with the situation of how to quickly learn the courseware and finally fail the exam^[3].

Higher vocational colleges not only teach courses and transfer knowledge, but also undertake the responsibility of scientific research in various disciplines and fields. With the continuous development of colleges and universities, the number of scientific research projects and types is increasing, and schools attach more importance to how to do ideological and political education, how to do a good job in scientific research, how to scientific research, how to feed teaching, and how to educate people[6]. Our school has set up other projects on the basis of the original scientific research projects, educational reform projects, academic and engineering projects and so on.

For example, 2021 is the 100th anniversary of the founding of the Communist Party of China, in order to comprehensively carry out the study and education of party history, further strengthen the theoretical research on school party building, and encourage the majority of management cadres and party workers to actively explore new ideas, new methods and new measures for deepening school party building work. The school has organized the establishment of a special party building research project in 2021.

2022 is the 100th anniversary of the founding of the Group. According to the development and key tasks of the school, in order to comprehensively promote the development of the school, strengthen the theoretical and policy research on youth development, and promote the formation of high-quality research results, the school has organized the establishment of a special research project on the construction of the Communist Youth League and youth work.

This requires the majority of teachers in colleges and universities need to take Marxism as the guidance, using the scientific world outlook and methodology engaged in scientific research work, but also requires the majority of teachers must adhere to the theory and practice, according to the changing actual situation to continue to promote theoretical innovation, to solve practical problems. From the school in the process of project and project implementation, reflects the college students in scientific research participation is not high, understand the status quo because the students lack of independent thinking ability, only pay attention to complete the task assigned by the teacher, the lack of independent innovation spirit, given this situation the teacher without students to participate in the scientific research work in their professional field. In addition, due to the lack of students' scientific research ability, teachers lead students while doing scientific research, which virtually increases the original scientific research workload. This is also the common situation that the current scientific research projects or scientific research achievements in universities are mainly completed independently by teachers.

4. Innovative ideological and political education models

Teachers of ideological and political courses in colleges and universities undertake the dual tasks of knowledge imparting and value orientation, and they need to deeply and clearly clarify the essential attributes of ideological and political courses, which is the fundamental of teaching ideological and political courses well. Ideological and political courses need to integrate the theoretical knowledge of current politics into the classroom knowledge points and grasp the points of students' interest, and impart the theoretical knowledge to students faster and more effectively. General Secretary important remarks have pointed out the direction of progress and efforts for the ideological and political courses. Ideological and political courses should emphasize Marxist theory and Thought on Socialism with Chinese Characteristics for a New Era, and guide college students to establish correct ideals and beliefs.

The information age and the emergence of multiple we-media make people more and more dependent on mobile phones. In this situation, the traditional ideological and political education mode and teaching methods of higher vocational colleges, such as classroom teaching, are far from meeting the new requirements of ideological and political education, and the teaching mode of ideological and political courses in colleges and universities is in urgent need of change. With the continuous development of the society, the information communication technology is constantly mature, and the channels of communication media are also relatively rich. Ideological and political teachers in colleges and universities should change their thinking, improve their standing position, and combine with the current current politics to adapt to the new changes and development. Education courses education can refer to the propaganda department of the central committee of the CCP competent learning platform construction, promote the entire school teachers and students, under the new situation, strengthen theory and thought education innovation exploration, promote xi new era of socialism with Chinese characteristics learning deeply, establish learning platform, rich learning content and resources, innovative learning style. In the learning power, the module classification is more detailed, with text, voice, video and answer, with various forms and rich content, which broaden the knowledge vision and knowledge structure of college students. According to the needs, Learning Power also has an organizational group for branches and teams to learn and communicate. In addition to learning, it can also answer classified and special questions and get corresponding points. College teachers can use the learning platform or some education models of this platform to carry out ideological and political education and assessment. Under the case of strongly recommending ideological and political education reform, the school can jointly design and develop software development, program design, design and other professional teachers to cross-college and develop an ideological and political learning platform for the actual situation and development of its own school. In this way, students' basic information, learning, knowledge information, feedback and other conditions can be adjusted and used by themselves, which is a process from scratch. But many colleges and universities have set up their own ideological education platform or borrow other platform, directly in the above auxiliary teaching, this case the teacher's learning materials and students' information need to be uploaded to the platform, the teacher needs to show the students how to operate the system, because each teacher be fond of are different, everyone is according to their own use and convenience choice platform, teachers different students use platform is different, caused a lot of teaching resources cannot be Shared.

In view of the above situation, colleges and universities need to effectively integrate the teaching resources of ideological and political courses, integrate the internal and extracurricular, inside and outside, online and offline resources, and must also keep up with the situation, keep pace with The Times, and constantly update the teaching content to realize the efficient use of teaching resources. Our school has incorporated ideological and political teaching and achievements into teachers' evaluation of professional titles, student training programs and professional examination plans.

5. Innovate the mode of scientific research and education

Scientific research work needs to clarify scientific research issues, the party's 20th report said, "We must adhere to the problem-oriented approach, problems are the voice of The Times, and answering and guiding the solution of problems is the fundamental task of theoretical innovation[1]." "Must adhere to the problem oriented" requires that we to engage in scientific research work must be scientific topics, to lead scientific research.

The Macau Science-1 satellite was successfully launched on a Long March 2C carrier rocket from the Jiuquan Launch Center recently[5], And include the teachers and students of Northwestern

Polytechnical University and Macau University of Science and Technology. Representatives of the teachers and students of Macau University of Science and Technology wrote a letter to President , reporting the good news of the successful launch of the satellite and their feelings about participating in the development of the satellite, and expressing their desire and determination to actively participate in the scientific research and construction of the motherland. Chinese President wrote back to the representatives of the teachers and students, encouraging them kindly. And to extend warm congratulations to everyone! Xi pointed out that in recent years, Macao has deepened scientific and technological cooperation with the mainland in space and other fields, and made gratifying achievements. Social development points out the direction of scientific research work in colleges and universities, requiring scientific topics and leading scientific research with problems to attach great importance to theoretical study[4]. Secondly, science topic selection and problem-leading scientific research. We urgently need to adhere to the problem orientation, to discover, study and solve new problems. With the increase of scientific research projects and types in colleges and universities, schools attach more attention to scientific research education, and more and more college students participate in scientific research activities, which not only injects new blood into scientific research, but also is conducive to the cultivation of students' independent school and innovation and entrepreneurship ability.

6. Ideological and political and scientific research collaborative education

Ideological and political education and scientific research collaborative education is to combine scientific research and ideological and political education in higher vocational colleges, so that students can improve their comprehensive ability on the basis of mastering theoretical knowledge. For ideological and political education, scientific research is closely combined with ideological and political research, and the corresponding research work is carried out based on the current politics. Scientific research based on teaching can be more in line with the actual needs and can enrich the classroom. The existing ideological and political learning platform of the university is used to comprehensively evaluate students' ideological and political ability. Finally, according to the students' majors and the platform evaluation and achievements, students can participate in teaching and scientific research related work, and use scientific research and ideological and political armed mind to guide practice.

With the continuous development of science and technology, ideological and political teaching should lead the modernization of education with the support of education digitalization and accelerate the implementation of national education digitalization strategy. Ideological and political education also needs to change the thinking and keep up with the development of The Times. Our school urgently needs to build an ideological learning platform in line with the actual development of the school. It is necessary to strengthen the overall planning according to the ideological education research Center, optimize the overall layout, give full play to the important role of the ideological and political education team, and promote the coordinated development of ideological and political education and scientific research. Considering ideological and political and scientific research, we will build a higher vocational ideological education platform with complete functions, strong operability, strong interest, strong interaction, full student coverage, low social practice cost and effective education, so as to comprehensively support the reform and innovation of students' learning, teacher teaching, school management and ideological and political education.

School in education and scientific research collaborative education in the basis of the original scientific research project has also set up the course education demonstration course cultivating special projects, and the school in order to cultivate students' self-study, thinking, expression, organization, and so on, encourage teachers doing scientific research while let the students also involved in the scientific research work, the school for scientific research project funding ratio set up a research assistant labor and other special spending to encourage and support students to participate in scientific research.

7. Conclusion

In the process of collaborative education of ideological and political research, higher vocational colleges need to earnestly implement the 20th spirit of the Party, and focus on a series of views, judgments and thoughts put forward in the party's 20th report. Our school always adheres to the problem-oriented, strengthening team cooperation and mutual assistance, adhering to perseverance, insisting on going out and bringing in. To further create a positive ideological and political and

scientific research innovation environment and atmosphere, adapt to the requirements of university construction and development in the new era, and further promote the ideological and political and scientific research work of our university.

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