

The Logical Path of Model Worker Spirit Empowering the Cultivation of Professional Spirit for Geological Major Students in Colleges and Universities

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Abstract

Professional spirit is closely related to college students' future career planning. Cultivating professional spirit helps college students establish a correct outlook on career selection and employment, thereby realizing their life goals. As one of the first batch of great spirits in the spiritual lineage of the Communist Party of China, the Model Worker Spirit contains rich scientific connotations and can provide an inexhaustible source for the cultivation of professional spirit among college students, especially those majoring in geology. The Model Worker Spirit and the professional spirit of geological major students in colleges and universities have inherent coupling in terms of cultural genes, value goals, and practical content. Integrating the Model Worker Spirit into the cultivation of professional spirit for geological major students has profound value implications. This paper focuses on the empowering role of the Model Worker Spirit in cultivating the professional spirit of geological major students in colleges and universities, and proposes practical paths for cultivating the professional spirit of geological major students under the guidance of the Model Worker Spirit. It aims to provide useful references for the cultivation of geological professionals in colleges and universities and help students develop a professional spirit that meets the development needs of the geological industry.

Keywords

Model Worker Spirit; geological majors; college students; professional spirit.

1. Introduction

Against the background of the country's vigorous promotion of in-depth integration between talent cultivation in higher education and industry needs, geological majors in colleges and universities shoulder the important responsibility of supplying high-quality professional talents to the geological industry. The geological industry, which bears the responsibility of safeguarding national energy security, is an indispensable key force for national development. However, geological work is often accompanied by harsh working environments. Practitioners need to work in the field for a long time and face many challenges such as complex terrain and changeable climate. Under such circumstances, it is even more important to promote the Model Worker Spirit to encourage geological workers to stick to their posts and overcome difficulties. The cultivation of students' professional spirit is not only related to their future development in the industry but also affects the overall progress of the geological industry. ^[1]As a concentrated embodiment of the excellent qualities of the labor force, the Model Worker Spirit contains rich value connotations and plays an important empowering role in the cultivation of professional spirit for geological major students in colleges and universities. In-depth exploration of the logical path of the Model Worker Spirit empowering the cultivation of professional spirit for geological major students in colleges and universities is of far-reaching

significance for improving the quality of geological professional talent cultivation and promoting the development of the geological industry.

2. Theoretical Logic: Inherent Coupling between the Connotation of Model Worker Spirit and the Professional Spirit of Geological Major Students in Colleges and Universities

(1) Homology of Cultural Genes

Both the Model Worker Spirit and the professional spirit of geological major students in colleges and universities are deeply rooted in the cultural soil of socialism with Chinese characteristics. [2]The Model Worker Spirit is a precious spiritual wealth created by the broad masses of workers who uphold the spirits of hard work, courage to innovate, and selfless dedication in the long-term practice of socialist construction in China. The patriotism and professional attitude contained in it are in the same line with the concepts of diligence, courage, and pursuit of excellence in the excellent traditional Chinese culture. The development of geological majors in China also has a long history. From the early stage of searching for mineral resources and ensuring energy supply for the country to the current key role in geological disaster prevention and control and ecological environment protection, geological workers have always practiced the mission of serving the country and contributing to society. This sense of mission has become an important cultural gene of the professional spirit of geological major students. For example, the older generation of geologists such as Li Siguang, with their love for the motherland and persistent pursuit of science, laid a solid foundation for China's geological cause. Their deeds and spirits have inspired generations of geological major students. The homology of the two in cultural genes enables the Model Worker Spirit to be naturally integrated into the cultivation process of the professional spirit of geological major students, providing profound spiritual nourishment for students.

(2) Consistency of Value Goals

The Model Worker Spirit emphasizes creating value through labor, pursuing the unity of personal value and social value, and encouraging workers to base themselves on their posts and contribute to national and social development. The value goal of the professional spirit of geological major students in colleges and universities also points to serving the development of the geological cause and promoting the country's progress in resource exploration and geological environment improvement. On the one hand, geological major students need to have solid professional knowledge and skills and pursue excellence in field exploration and data analysis, which is highly consistent with the professional spirit in the Model Worker Spirit.[3] On the other hand, geological work is related to national resource security and the sustainable development of the ecological environment. Students should set lofty aspirations and closely link their personal career development with national needs, which is consistent with the value pursuit of bearing in mind the overall situation and selfless dedication in the Model Worker Spirit. Therefore, the consistency of their value goals provides a solid value foundation for the Model Worker Spirit to empower the cultivation of professional spirit for geological major students.

(3) Integration of Practical Contents

In practice, the Model Worker Spirit is manifested as diligent work, courage to innovate, and unity and cooperation. The learning and practice process of geological major students in colleges and universities also fully reflects these contents, and the two have a high degree of integration at the practical level. In terms of diligent work, geological major students need to carry out a large number of field internships and experimental analysis, often facing harsh natural environments and heavy tasks. This requires them to have the quality of hard work and diligence, just like model workers who work silently and make hard efforts in their respective

posts. In terms of courage to innovate, with the continuous development of geological science and technology, new exploration methods and analysis technologies emerge in an endless stream. Geological major students need to constantly learn and explore and have the courage to break through traditional thinking, which is consistent with the connotation of courage to innovate in the Model Worker Spirit.^[4] In terms of unity and cooperation, geological work often involves the cooperation of professionals in multiple disciplines and fields. In team projects and scientific research practices, students need to cooperate closely with teachers and classmates to complete tasks together, which is consistent with the spirit of emphasizing team cooperation in the work of model workers.

3. Value Logic: The Value Implication of Integrating Model Worker Spirit into the Cultivation of Professional Spirit for Geological Major Students in Colleges and Universities

(1) The Model Worker Spirit is the Spiritual Pillar for Geological Major Students in Colleges and Universities to Enhance Professional Identity

In the geological industry, the harsh working environment, long field work time, and relatively simple living conditions have led some geological major students to feel confused about their future careers and have low professional identity. The respect for labor and love for occupation contained in the Model Worker Spirit can provide students with strong spiritual support and help them enhance their professional identity. Many model workers have created extraordinary achievements in ordinary posts, and their dedication and love for work stem from a deep understanding of professional value. By learning the deeds of these model workers, geological major students can recognize the importance and significance of geological work, understand the value of their major, thus abandoning prejudices against the geological industry and regarding the geological profession as an important way to realize their personal value. The enhancement of this professional identity can stimulate students' learning motivation and work enthusiasm, and promote them to invest more actively in geological professional learning and future career development.

(2) The Model Worker Spirit is the Spiritual Engine for Introducing Professional Emotions to Geological Major Students in Colleges and Universities

Professional emotion is an important part of professional spirit. For geological major students, positive professional emotion is the source of motivation for them to persist and make progress in the arduous geological work. The emotional factors such as selfless dedication and caring for others contained in the Model Worker Spirit can introduce positive professional emotions to students. In the geological industry, many geological workers are far away from their hometowns and relatives and work in remote mountainous areas or fields, but they have no complaints and devote themselves to their work.^[6] This spirit of dedication reflects their deep affection for the geological cause. This positive professional emotion not only helps students overcome difficulties in learning and work but also enables them to communicate better with team members, improve work efficiency, and contribute more to the development of the geological cause.

(3) The Model Worker Spirit is the Spiritual Driving Force for Encouraging Geological Major Students in Colleges and Universities to Improve Their Abilities

The development of the geological industry has higher and higher requirements for the abilities of professional talents. Students need to have solid professional knowledge, practical skills, and innovative abilities. The qualities of courage to innovate and pursuit of excellence in the Model Worker Spirit can encourage geological major students to continuously improve their abilities. Model workers always maintain a desire for knowledge and a pursuit of skill improvement in their work, constantly challenging themselves and breaking through their limits. Taking these

model workers as examples, geological major students can establish the concept of lifelong learning, actively participate in various practical activities and scientific research projects, and continuously improve their professional quality. At the same time, when facing complex geological problems, students can learn the spirit of courage to innovate from model workers, dare to try new methods and ideas, cultivate their innovative abilities and the ability to solve practical problems, and lay a solid foundation for their future development in the geological industry.^[5]

4. Practical Logic: Practical Paths for Cultivating the Professional Spirit of Geological Major Students in Colleges and Universities under the Guidance of the Model Worker Spirit

(1) Clarify the Concept Design of the Model Worker Spirit Guiding the Cultivation of Professional Spirit for Geological Major Students in Colleges and Universities

Colleges and universities should integrate the Model Worker Spirit into the overall concept of geological professional talent cultivation and clarify the goals and directions of cultivating students' professional spirit under the guidance of the Model Worker Spirit. Strengthen top-level design, formulate relevant policies and plans, and ensure that the Model Worker Spirit is fully reflected in the process of talent cultivation. In terms of curriculum setting, integrate the content related to the Model Worker Spirit into the professional curriculum and ideological and political education curriculum system. For example, in professional courses, combine specific teaching content and introduce innovative practical cases of model workers in geological work to let students understand the working methods and spiritual qualities of model workers; in ideological and political education courses, set up special lectures or curriculum modules on the Model Worker Spirit to deeply analyze the connotation and value of the Model Worker Spirit.^[7] At the same time, schools should create a strong cultural atmosphere of the Model Worker Spirit. Through holding model worker deeds exhibitions and thematic speech contests, students can be subtly influenced by the Model Worker Spirit. In addition, actively cooperate with enterprises, establish a production-education-research collaborative education mechanism, and invite model workers in enterprises to participate in the teaching and practical guidance of the school, so that students can feel the demeanor of model workers up close and enhance their understanding of the geological industry and professional spirit.

(2) Strengthen the Subject Awareness of the Model Worker Spirit Guiding the Cultivation of Professional Spirit for Geological Major Students in Colleges and Universities

Colleges and universities and students are the main bodies of professional spirit cultivation. Strengthening the subject awareness of both parties is crucial for the Model Worker Spirit to empower professional spirit cultivation. Colleges and universities should strengthen the training of teachers, improve teachers' understanding and application ability of the Model Worker Spirit, so that teachers can integrate the Model Worker Spirit into professional teaching and daily student management in the teaching process. For example, organize teachers to participate in seminars on the Model Worker Spirit and visit the workplaces of model workers to let teachers deeply feel the charm of the Model Worker Spirit, so as to better guide students. At the same time, colleges and universities should improve the construction of campus culture and integrate the Model Worker Spirit into campus cultural activities and cultural landscapes. For example, set up model worker statues and cultural corridors on campus to display the deeds and spirits of model workers; carry out a series of activities of "Model Workers Entering Campus" and invite model workers to communicate with students face-to-face and share their growth experiences and work insights.

For students, they should give full play to their subjective initiative and actively participate in various activities related to the Model Worker Spirit. Students should take the initiative to learn

the deeds of model workers, draw spiritual strength from them, and establish a correct outlook on career and values. In learning and practice, take model workers as examples to cultivate their professional spirit and abilities. For example, when participating in geological exploration practice activities, learn the hard-working and rigorous work attitude of model workers and strive to improve their practical skills; when participating in scientific research projects, learn the spirit of courage to innovate from model workers and actively explore new research methods and ideas.

(3) Improve the Platform Construction of the Model Worker Spirit Guiding the Cultivation of Professional Spirit for Geological Major Students in Colleges and Universities

Colleges and universities and scientific research institutions should jointly establish a special research platform to conduct in-depth research on the connotation, characteristics of the Model Worker Spirit and its application in the geological industry. Through organizing academic seminars and research projects, gather wisdom from all parties, form targeted and guiding research results, and provide theoretical support for the Model Worker Spirit to empower the cultivation of professional spirit for geological major students.

At the same time, schools can build a variety of training platforms by combining online and offline methods. Online, through online courses and learning forums, provide students with rich learning resources on the Model Worker Spirit, so that students can learn the deeds and spirits of model workers anytime and anywhere. Offline, carry out practical training activities, such as organizing students to intern in geological enterprises, allowing students to feel the Model Worker Spirit in practical work; hold themed training camps on the Model Worker Spirit, and cultivate students' professional spirit and team cooperation ability by simulating geological work scenarios.

Finally, schools can make full use of various channels such as campus media and social media to widely promote the Model Worker Spirit. Schools can regularly push model worker deeds and related articles through campus radio, school newspapers, and WeChat official accounts; encourage students to create literary and artistic works related to the Model Worker Spirit, such as short videos and comics, and spread them through online platforms to expand the influence of the Model Worker Spirit. Strengthen cooperation with social media, publicize the achievements and experiences of colleges and universities in the cultivation of the Model Worker Spirit, and create a good social atmosphere for promoting the Model Worker Spirit in the whole society.

(4) Optimize the Mechanism Guarantee of the Model Worker Spirit Guiding the Cultivation of Professional Spirit for Geological Major Students in Colleges and Universities

Establish and improve the incentive and evaluation mechanism for promoting the professional spirit of geological major students under the guidance of the Model Worker Spirit. Colleges and universities should formulate relevant incentive policies and commend and reward students who actively practice the Model Worker Spirit and perform well in learning and practice. For example, set up the "Model Worker Spirit Scholarship" to reward students who have outstanding performance in professional learning, social practice, scientific and technological innovation and have the characteristics of the Model Worker Spirit; in the selection of excellent students and recommendation for employment, give priority to students with good professional spirit. Improve the evaluation system of students' professional spirit and incorporate indicators related to the Model Worker Spirit into the evaluation standards. In the evaluation process, pay attention to the combination of process evaluation and result evaluation, not only focusing on students' academic performance and practical results but also inspecting the professional attitude, innovative ability, and team cooperation spirit shown by students in the process of learning and practice. Introduce diversified evaluation subjects, including teacher evaluation, student self-evaluation and mutual evaluation, and enterprise evaluation, to make the

evaluation results more objective and comprehensive. ^[8]At the same time, according to the evaluation results, timely feedback the problems existing in the cultivation of students' professional spirit, provide targeted guidance and help for students, and promote the continuous improvement of students' professional spirit.

5. Conclusion

The Model Worker Spirit and the professional spirit of geological major students in colleges and universities have inherent coupling in many aspects. Integrating the Model Worker Spirit into the cultivation of professional spirit for geological major students has important value implications. ^[9]By clarifying the concept design, strengthening the subject awareness, improving the platform construction, and optimizing the mechanism guarantee, the empowering role of the Model Worker Spirit can be effectively exerted, the professional spirit of geological major students can be improved, and more high-quality talents with noble professional ethics, solid professional skills, and innovative spirit can be cultivated for the geological industry. In the future education and teaching process, colleges and universities should continue to attach importance to the leading role of the Model Worker Spirit, constantly explore and innovate cultivation methods, promote the improvement of the quality of geological professional talent cultivation, and provide strong talent support for the vigorous development of China's geological cause. At the same time, all sectors of society should also pay attention to and support together, create a good social environment for promoting the Model Worker Spirit and attaching importance to the cultivation of professional spirit, and promote the sustainable development of the geological industry.

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