

Original Paper

Exploration on the Cultivation of Iron Man Spirit of Petroleum College Students in the New Era —Take H School as an Example

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Abstract

As the main position for cultivating the iron man spirit of petroleum college students, petroleum colleges and universities, While effectively helping college students in petroleum universities to create their beautiful life and brilliant life, educating them with the spirit of Iron Man is conducive to cultivating their will to work hard in the process of inheriting the spirit of Iron Man, and possessing the character of selfless dedication in their own growth and development. Taking the students in H school as the research object, the current situation of cultivating the iron man spirit of college students was investigated and analyzed mainly by questionnaire. The main problems are that the scientific and effective teaching methods for cultivating teachers need to be improved, the resources for cultivating iron man spirit practice in petroleum universities are not fully utilized, and students lack the effective combination of iron man spirit and their own reality. In view of the existing problems, we can further improve the quality of cultivating iron man spirit in petroleum universities in the new era by improving the level of cultivating teachers, improving the cultivation approach, optimizing the cultivation environment and paying attention to the cultivation subject.

Keywords

Iron Man Spirit, petroleum University Students, present situation, measures

1. The Importance of Cultivating the Iron Man Spirit of Petroleum College Students in the New Era

The Iron Man spirit is the typification and personification of the Daqing spirit of patriotism, entrepreneurship, hard work, pragmatism and dedication. Its main aspects include: the patriotic spirit of “sharing worries for the motherland and winning the morale of the nation”; In order to “throw the hat

of China's oil backwardness into the Pacific as soon as possible", The selfless and hard work spirit of "I would rather live 20 years less than work hard to win the big oil field"; The spirit of hard work of "working with conditions and creating conditions without conditions"; The scientific and realistic spirit of "to be responsible for the oil field for a lifetime, to do work that can withstand the inspection of all generations, to keep improving the work, and to train a body of hard work and real skills for the revolution"; The "old scalper" spirit of working hard, regardless of fame and fortune, remuneration, etc. The spirit of Iron Man in the new era is the practical basis for carrying forward the spirit of patriotism and one of the driving forces for the realization of national rejuvenation. Therefore, the cultivation of iron man spirit of petroleum university students has great theoretical and practical significance.

1.1 It can Promote the Modernization of the Research on the Iron Man Spirit Theory

The new era has new requirements for college students, and the cultivation of Iron Man spirit should also keep pace with the times. Petroleum universities are facing various problems and challenges in the new era. Therefore, the spirit of Iron Man needs further theoretical research. Enrich the contents and ways of cultivating the spirit of Iron Man, It is conducive to promoting the practical research of cultivating the iron man spirit of petroleum university students, and then fully excavate the value of the iron man spirit in the new era.

1.2 It can Enrich the Ideological and Political Theories of Petroleum Universities

As an important cultural resource of petroleum universities, the spirit of Iron Man, Petroleum colleges and universities can carry out ideological and political education for college students with the spirit of Iron Man as the carrier, it is beneficial for college students to better grasp the internal laws of ideological and political courses. Better promote the development of this discipline. Promote college students to improve their ideological level and thinking ability in further study.

1.3 It is Beneficial to Improve the Construction of Campus Culture

Taking the spirit of iron man as the core of the construction of campus culture in petroleum colleges and universities, it highlights the characteristics of campus culture in petroleum colleges and universities, and allows students to feel the spiritual edification of "silence wins voice" while learning the theoretical knowledge of iron man spirit. At the same time, the spirit of Iron Man no longer appears in boring books as before, but permeates in the life of college students. There are Iron Men everywhere, and they often learn from Iron Man. Under this kind of good campus culture, college students can firmly establish correct ideological and moral concepts.

1.4 It is Conducive to Strengthening the Cultivation of College Students' National Emotion

As a part of the Chinese national spirit, the essence of the Iron Man spirit is the love for the motherland. What it presents is not only an ideology, but also a simple Chinese national emotion. College students are the hope of the nation and the future of the country's future development. Every excellent college student can not be separated from the cultivation of colleges and universities, and can not be separated from the cultivation of effective iron man spirit. The cultivation of the Iron Man spirit is related to the life pursuit of college students and stimulates their deep feelings for the motherland.

2. The Current Situation of Cultivating Iron Man Spirit of Petroleum College Students in the New Era

2.1 Selection of Research Scope and Basic Information of Questionnaire Survey

The study and inheritance of the iron man spirit is a quality that college students should carry forward. It is of great help for the cultivation of college students' ideological and political education to infiltrate the iron man spirit into the study and practice. Therefore, the object of the survey is determined as the students in Harbin Petroleum Institute. The main purpose of the survey is to understand the understanding of the iron man spirit of college students, the current situation of ideological and political education of college students and the existing problems.

2.2 Basic Information of Questionnaire Survey

There are 6 multiple-choice questions in the questionnaire. In this survey, 479 questionnaires were distributed and 479 were recovered, of which 479 were valid, with a recovery rate of 100.0% and an effective rate of 100.0%. Table 1 shows the grade distribution of the survey samples.

Table 1. Investigation on the Distribution of Students' Grades

	Frequency	Percentage	Effective percentage	Cumulative percentage
first grade	305	63.7%	63.7%	63.7%
second grade	123	25.7%	25.7%	89.4%
Valid third grade	23	4.8%	4.8%	94.2%
fourth grade	28	5.8%	5.8%	100%
Total	479	100%	100%	

2.3 Understanding of the Connotation and Essence of Iron Man Spirit

According to the analysis in Figure 1, more than 90% of college students know the spirit of Iron Man, and 24% of them said they fully understand the spirit of Iron Man. This shows that most college students have a more or less understanding of the Iron Man spirit and have a positive attitude; Most people said that the study of Iron Man spirit should be included in ideological and political courses or extracurricular activities. 4% of the students said they did not understand this, which also showed that a very few students did not pay enough attention to the spirit of Iron Man.

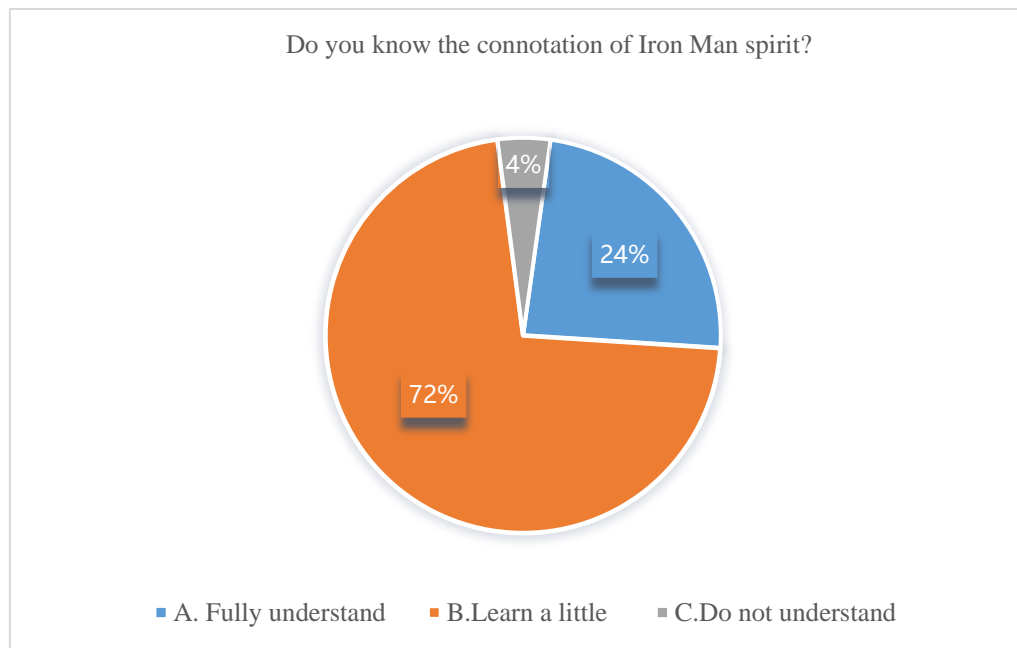


Figure 1. Statistics of the Understanding of the Spirit of Iron Man

2.4 Cognition of the Contemporary Value of Iron Man Spirit

Figure 2 The survey shows that 85% of students believe that the spirit of Iron Man is always worth learning; 4% of the students thought that some of the contents of the Iron Man spirit still have practical significance, but the significance is not significant; 10% of the students said that the times are changing, and the Iron Man spirit is not applicable to the contemporary social development. From the statistical results, most students still agree with the value of Iron Man spirit in contemporary society, which shows that Iron Man spirit is still of practical significance for promoting the development of ideological and political education of college students.

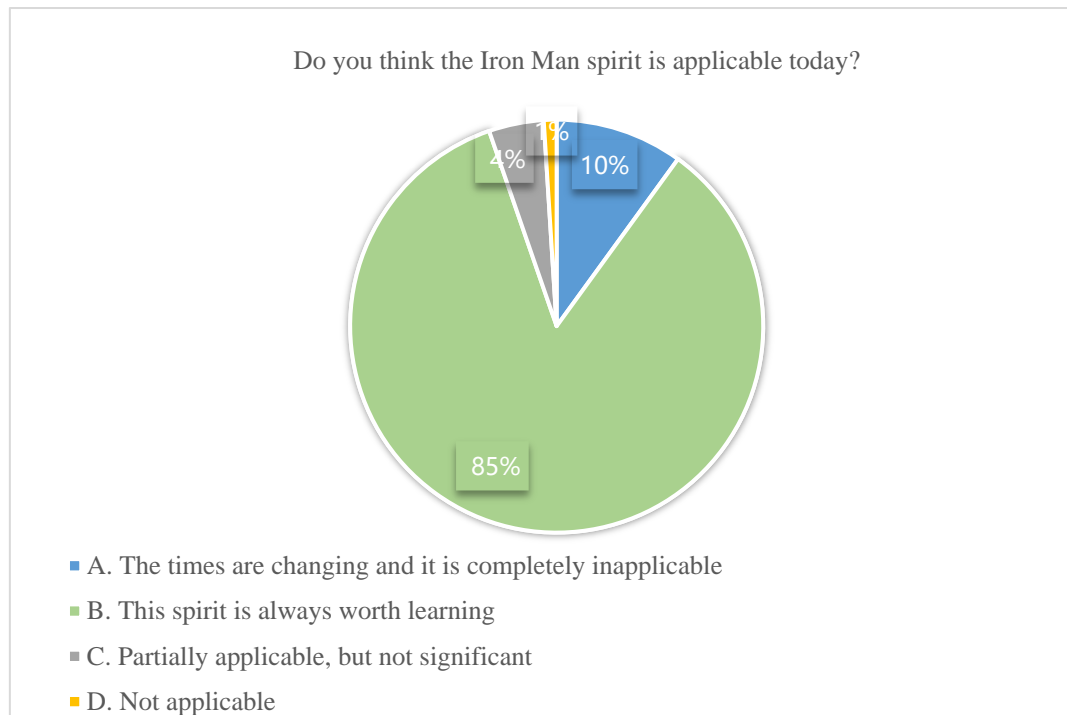


Figure 2. Statistics on whether the Iron Man Spirit is still Applicable in Today's Era

2.5 Cognition of the Necessity of Learning the Spirit of Iron Man

Figure 3 shows that 89% of the students said it was necessary to take the Iron Man spirit as a part of the ideological and political education of college students. They believed that the Iron Man spirit should be inherited and developed by every student; 7% of the students said that the existing ideological and political education system was perfect and full of content, and there was no need to add the content of Iron Man spirit; 4% of the students think that the spirit of iron man is dispensable as the teaching content of ideological and political course. It can be seen that most students agree with the spirit of Iron Man as a part of the ideological and political course, which also shows that petroleum college students have a positive attitude towards the inheritance and development of the spirit of Iron Man in the contemporary era.

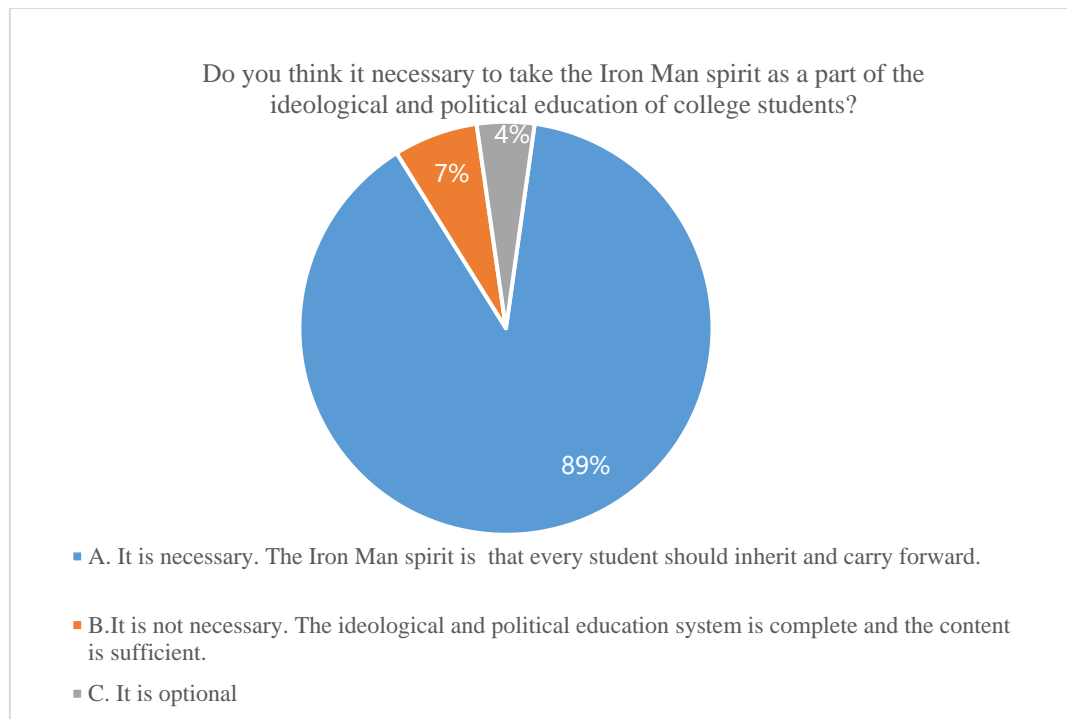


Figure 3. Statistics on whether it is Necessary to Take Iron Man Spirit as a Part of Ideological and Political Education for College Students

2.6 Cognition of Inheritance and Development of Iron Man Spirit

As for the question of students' "whether they are willing to actively cooperate with the investigation of the iron man spirit education curriculum and activities carried out by the school", according to the survey in Figure 2, 76% of the students said they would strongly support and cooperate, which shows that the cultural connotation of the iron man spirit has penetrated into the hearts of some students and are willing to participate in and promote this spirit. 20% of the students said they would only cooperate as much as possible, and 4% of the students said they were not interested and would not cooperate. It can be found that there is still a barrier to the spread of the Iron Man spirit among students, resulting in this excellent cultural resource not being fully utilized in colleges and universities.

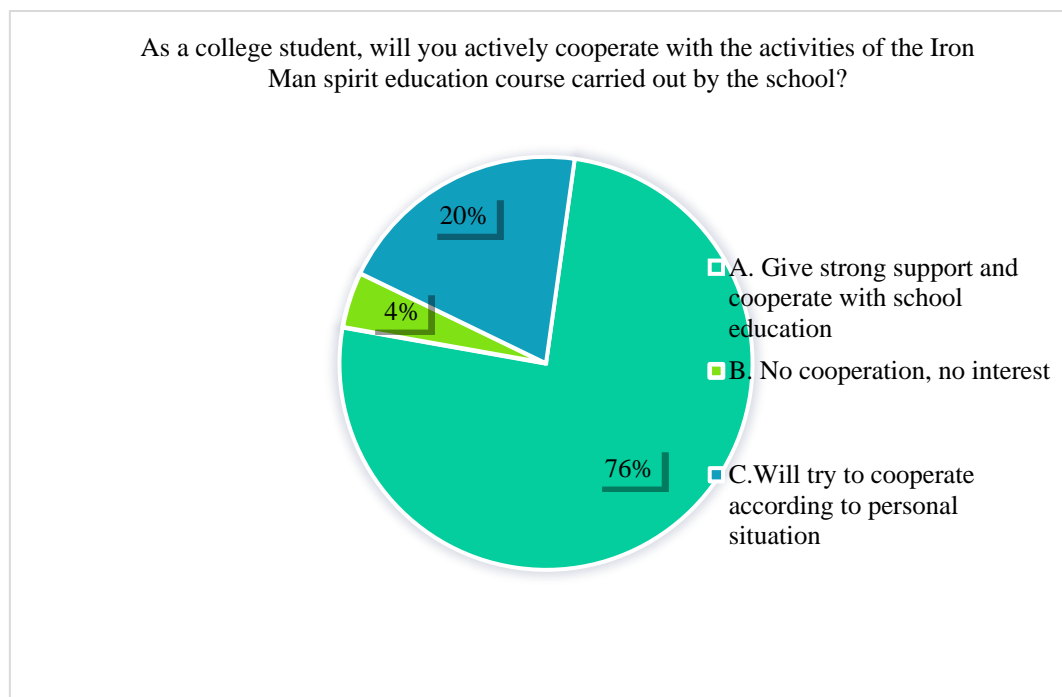


Figure 4. Statistics on whether the School will Actively Cooperate with the Iron Man Spirit Education Courses and Activities

3. Main Problems in Cultivating Iron Man Spirit

3.1 The Scientific and Effective Training of Teachers' Teaching Methods Needs to be Improved

The accuracy of the iron man spirit cultivation teachers' grasp of the attribute, essence and principle of the iron man spirit cultivation concept in petroleum universities directly affects its cultivation effect. Teachers of iron man spirit cultivation are generally familiar with and proficient in the content of their cultivation, but not all can make accurate choices and adjustments to the direction of their cultivation in combination with the development of the times, and often can not fully understand the needs of iron man spirit cultivation in petroleum universities in the new era. In the process of cultivating the Iron Man spirit, it is still a traditional and single education concept. At the same time, the cultivators and the trainees lack deep thinking on why to learn the iron man spirit, how to learn the iron man spirit, and how to learn the iron man spirit to help "me".

3.2 Inadequate Utilization of Resources for Cultivating Iron Man Spirit in Petroleum Universities

On the one hand, due to the lack of effective policy guidance of petroleum colleges and universities, the cultivation practice of iron man spirit also lacks the cultivation base and training place related to iron man spirit, and there are few corresponding policy leading capital to participate in the construction of cultivation base. The practice cultivation of iron man spirit often has the drawbacks of being a mere formality. For example, organizing a visit to the Iron Man Memorial Hall is often a mandatory requirement of the school, rather than the spontaneous participation of college students. On the other hand, although most petroleum colleges and universities will strive to build a training base closely

related to the spirit of Iron Man, the resources therein have not been fully utilized, and the space occupied has not been well integrated into students' lives. These emerging problems show that petroleum colleges and universities lack strong support, protection and management for cultivating the iron man spirit, which is not conducive to the importance of petroleum college students to feel the iron man spirit in practical activities.

3.3 Students Lack Effective Combination of Iron Man Spirit and Their Own Reality

Most college students are often in a passive state when acquiring knowledge about the Iron Man spirit, I rarely think about whether the experience and methods of learning about the Iron Man spirit in class and books are correct and consistent with my own judgment, Very few people associate the spirit of Iron Man with their own reality for independent learning, thinking and improvement, and do not do a good job of self-education. Most college students are unable to maintain the habit of self-education after study. The disconnection between the Iron Man spirit and their own reality has seriously affected students' self-reflection.

4. Channels to Improve the Cultivation Quality of Iron Man Spirit of Petroleum College Students in the New Era

4.1 Adhere to Keeping Pace with the Times and Improve the Cultivation Concept

The cultivation of iron man spirit of college students in petroleum universities focuses on the shaping of college students' personality, and cultivates the quality of students in petroleum universities to face difficulties bravely, bear hardships and stand hard, and be self-reliant, to help students of petroleum universities grow up healthily, encourage students of petroleum universities to actively participate in school social practice, and play their own value in the process of practice. Based on the opportunities and challenges faced by petroleum colleges and universities in the new era, carry out reform and innovation, and then make appropriate adjustments to the cultivation concept of iron man spirit, let the teachers who cultivate the spirit of iron man, especially the college students in petroleum universities, deeply realize that the spirit of iron man has important guiding significance for their career and life development, to ensure that the growth of college students in China's petroleum universities meets the urgent needs of this era and social development.

4.2 Establish Excellent Teams and Strengthen Teacher Training

As the backbone of the iron man spirit inheritance work in the new era, the iron man spirit cultivation teachers in petroleum universities should have a sense of responsibility and mission to undertake the iron man spirit cultivation. Whether the comprehensive quality of the iron man spirit cultivation teachers meets or meets the requirements of the new era petroleum universities for the iron man spirit cultivation teachers directly affects the quality and level of the iron man spirit cultivation. Petroleum colleges and universities should require the cultivation of teachers to take the cultivation of college students' iron man spiritual quality as the goal orientation, and the cultivation of teachers should focus

on the overall improvement of moral quality, knowledge quality, ability quality and physical and mental quality.

4.3 Implement Practical Cultivation

In the cultivation of iron man spirit of college students in petroleum universities, to ensure the effectiveness of cultivation and improve the effectiveness of cultivation, we must strengthen the strength and quality of iron man spirit cultivation of college students in petroleum universities. For example, only through practical education can general education internalize knowledge into students' thoughts, feelings, wills and abilities, and cultivate students' good mind, personality, personality and sense of social responsibility. Philosophy and social science education can internalize theoretical knowledge, values and ethics into students' ideological and moral quality, cultivate students' humanistic spirit and ability to analyze and solve problems only by guiding students to gain emotional experience in practice.

4.4 Optimize and Cultivate Curriculum Construction

In the construction of curriculum system, we should strengthen efforts to build or improve the general education curriculum system with Chinese characteristics and the characteristics of universities. In the implementation of curriculum education, it is clear that curriculum education is to carry forward the spirit of iron man and integrate the cultivation of iron man spirit of college students into the whole process of curriculum education. Explore, improve and innovate various courses or classroom teaching models based on the cultivation of the iron man spirit of college students, and effectively integrate the iron man spirit into the teaching content in the process of realizing the transformation from the teaching material system to the teaching system. Highlight the characteristic role of various courses in cultivating the iron man spirit of college students. For example, the development history, achievements and hard struggle history of the iron man spirit can be integrated into the education of petroleum professional courses; At the same time, we should establish a coordinated development mechanism among ideological and political theory courses, other philosophy and social science courses and natural science courses.

4.5 Insist on Promoting the Construction of Campus Culture

Make full use of campus cultural activities to promote the participation of petroleum university students in the Iron Man spirit community organization. Students' public welfare community organizations can develop into their own important groups, broaden their horizons and broaden their knowledge. For example, as the soul of the campus culture of petroleum colleges and universities, the Iron Man Spirit has encouraged the schools to carry out a series of activities such as lectures under the national flag, school song singing, production of cultural works exhibition, and actively create a strong campus cultural atmosphere.

4.6 Advocate the Formation of Good Social Customs

Create a social atmosphere of hard work, advocate the selfless dedication spirit of daring to be the first, pioneering and innovative, stimulate the innovation enthusiasm of petroleum college students, and form

an atmosphere conducive to both career development and talent training, pay attention to actual achievements and encourage exploration, and be able to bear failure and tolerate failure, so that the young generation can turn the firm belief of hard work into the motivation of brave practice. At the same time, we will vigorously create literary and artistic works with the theme of Iron Man Spirit. Through shooting video materials, publishing literary books and other means, the advanced and typical deeds of the Iron Man spirit are deeply interpreted and artistically presented, so that more people can more truly perceive the Iron Man spirit, so that people can feel the development of Chinese history and the origin of the formation of the Iron Man spirit, and then deepen the recognition of the Iron Man spirit.

4.7 Encourage Practice and Achieve Unity of Knowledge and Practice

The cultivation of iron man spirit of college students in petroleum universities is an organic combination of “knowledge” and “action”, in which “knowledge” is the basis of the cultivation of iron man spirit of college students, “action” is the destination of the cultivation of iron man spirit of college students, and “unity of knowledge and action” is the confirmation of the formation of iron man spirit of college students. First of all, under the background of increasingly complex social environment, some college students are faced with problems such as deviation of knowledge and action, inconsistency of knowledge and action, and difficulty of knowledge and action in the process of cultivating, consolidating and strengthening themselves. Secondly, we should examine our shortcomings in inheriting and practicing the Iron Man spirit with a critical awareness, and whether we can maintain the spirit of hard work in our study and life, and achieve selfless dedication, courage to take responsibility, and unity of knowledge and action. Finally, we should be good at self-direction. College life is the middle stage for college students to truly start independent life and gradually transition from school to society. We should actively participate in social voluntary activities related to the spirit of Iron Man, and cultivate the quality of selfless dedication and courage to take responsibility.

4.8 Examine Yourself and Strengthen Self-education

On the one hand, we must have a comprehensive and profound dialectical understanding of ourselves and master the concept, environment, methods and carriers of self-education. To be able to understand that the iron man spirit can be passed down from generation to generation in modern times is closely related to self-reflection. It is precisely because the iron man Wang Jinxi has the spirit of self-reflection that he has created his iron man-like character and become a model for everyone to learn. On the other hand, to stimulate the internal driving force of college students, the driving force for college students to accept the cultivation of iron man spirit mainly comes from the spiritual needs of their own growth. The pursuit and realization of this demand by college students can promote college students to strengthen their belief in iron man spirit and realize their self-worth.

Petroleum university students are the future and hope of the Chinese nation, bearing the important task of modernization and the glorious mission of realizing the Chinese dream, bearing the ardent hope of the country and people, and playing an important role in all fields of society. Actively do a good job in

cultivating the iron man spirit of petroleum university students in the new era is a necessary starting point for doing a good job in ideological and political education in colleges and universities under the new era background, which helps petroleum university students in the new era choose the right life path and fulfill their mission.

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Appendix

Questionnaire on College Students' Understanding of Iron Man Spirit

Dear students:

Thank you for reading this questionnaire. This volume is designed to understand the current situation of the iron man spirit among college students. Please fill it out truthfully. This survey does not record your name. Please do not have any worries. Please choose the answer that matches your real situation and tick √. Your true answer will provide valuable basis for our research. Here we express our heartfelt thanks!

1. What is your current grade?

A. Freshman B. Sophomore C. Junior D. Senior

2. Do you know the connotation of Iron Man Spirit?

A. Fully understands

B. Understands a little

C. Does not understand

3. Do you think the Iron Man spirit is still applicable in today's era?

A. The times are changing, and it is completely inapplicable.

B. This spirit is always worth learning

C. Partially applicable, but of little significance

D. Not applicable

4. Do you think it necessary to take the Iron Man spirit as a part of the ideological and political education of college students?

A. It is necessary that every student should inherit and develop the Iron Man spirit

B. It is unnecessary. The ideological and political education system is perfect and the content is sufficient

5. Do you think it is necessary to take “Iron Man Spirit Education” as a course?

A. It is necessary to enable us to better inherit and carry forward this excellent

B. Dispensable curriculum

C. The school has already carried out relevant thematic activities, so it is not necessary to continue learning

6. As a college student, will you actively cooperate with the school’s iron man spirit education courses and activities?

A. Will strongly support and cooperate with the school to learn the course well

B. Will not cooperate, not interested

C. Try to cooperate according to the actual situation