

Build the "Firewall" of University Network Ideology Security under the 5G Trend

Minjian Lin *

School of Marxism, Wenzhou Medical University, Wenzhou, China

* Corresponding author Email: 1429238486@qq.com

Abstract: With the rapid development and wide application of 5G technology, the security position of network ideology in universities is facing unprecedented challenges and opportunities. Using the literature analysis method, taking the network ideology security of universities under the background of 5G technology as the research object, the new opportunities and challenges brought by 5G technology for the network ideology security of universities are analyzed, and the new ideas and new measures for the network ideology security in universities and universities are put forward. The research shows that the network ideology position of colleges and universities is faced with the hidden dangers of technology monopoly, media integration and the influence of the network public opinion, so the theoretical foundation should be consolidated, the cohesion of the field should be enhanced, and the management leadership should be strengthened to guarantee the security of the network ideology in colleges and universities. The influence of 5G on network ideology work in colleges and universities is systematically analyzed to provide some theoretical and practical references for building the "firewall" of ideological security in colleges and universities.

Keywords: Ideology; Network; Security; 5G; University.

1. Introduction

The party's 20th report points out that "ideological work is the work that builds the heart of the country and the soul of the nation," and should "firmly grasp the Party's leadership over ideological work, fully implement the responsibility system for ideological work, and consolidate and strengthen the mainstream ideology and public opinion of forging ahead in the new era." [1]. As a new type of mobile communication technology, 5G technology has the characteristics of high speed, low delay and large connection, which has brought great changes to the social and economic development. In the field of network ideology security in universities, 5G technology will trigger new thinking and exploration. As an important position of the ideological struggle of network society, the security work of network ideology in colleges and universities is also facing new opportunities and challenges. How to effectively prevent and defuse the security risks of network ideology in universities in the 5G era, and build the "firewall" of network ideology security in universities, are the major theoretical and practical problems that university educators must seriously study and solve.

2. The Era Value of Consolidating the Security of University Network Ideology under the Trend of 5G

5G technology is a new type of mobile communication technology produced under the background of high-tech technology. It has technical characteristics such as high speed, low delay and large connection, and will bring great changes to the social and economic development and the convenience of people's life. In the network ideology security work position of universities, 5G technology will also bring new opportunities and value. Specifically speaking, the value of its times is mainly manifested in the following three aspects.

2.1. It Meets the Political Needs of Cultivating Inheritors in the New Era

Colleges and universities are the main positions to train socialist builders and successors, as well as the front line of the ideological struggle of the network society. College students are the inheritors of the process of Chinese-style modernization. Their ideology, value orientation, moral quality and spiritual outlook are directly related to the national rejuvenation and the future of the country. 5G technology will make network information more iterative, upgraded and deeply integrated, provide more convenient learning resources and communication platform for college students, and also make them faced with more ideological impact and improper temptation. In this situation, how to guide college students to strengthen their ideals and beliefs, enhance their political consciousness, and shoulder the historical mission is a major task of The Times for college educators. Therefore, must be Xi Jinping, the new era of socialism with Chinese characteristics as guidance, in-depth implementation of the CPC Central Committee on strengthening and improving ideological and political work under the new situation decision deployment, adhere to khalid ents fundamental task, constantly improve the pertinence and effectiveness of ideological and political education in colleges and universities, to build a set of conform to the characteristics of 5G era network ideological education system, cultivate college students core quality, innovation ability, make it support the leadership of the party, love the motherland, the hard study, positive enterprising good.

2.2. Coupling the Security Needs of China's Network Security Governance

Cyber security is an important part of national security and an important basis for safeguarding China's sovereignty and development interests. The emergence of 5G technology has made cyberspace more open, shared and collaborative, while also making it more complex, sensitive and changeable.

Under such circumstances, how to ensure the safe and stable operation of cyberspace, prevent and resist all kinds of cyber risks and threats, and safeguard national cyber sovereignty and information security are the major strategic issues facing us. Since the 18th CPC National Congress, the CPC Central Committee with General Secretary Xi Jinping as the core has paid more attention to cyber security. In the face of the unprecedented changes in the world in a century, as well as the complex situation of double circulation at home and abroad, as the forefront of network security — universities, should undertake the responsibility of building the network ideology security "firewall". Colleges and universities are an important part of network security, we should give full play to scientific research, education, service and other functions, actively participate in the theoretical research, technology development, personnel training, social publicity and other work, to contribute wisdom and strength to the national network security governance.

2.3. The Rationality of the Times to Guide the Network Public Opinion

With the deepening of the network society, the network public opinion has gradually attracted a lot of social attention, which is also an important field of ideological struggle. 5G technology has made online public opinion more active, diversified and open, providing more channels and space for public participation, and at the same time, bringing more challenges and pressure to social stability and public order. How to rationally guide the network public opinion, enhance the positive energy of the network public opinion, and resist the negative effect of the network public opinion is an important and urgent practical subject facing the ideological and political work in colleges and universities. At the same time, colleges and universities is also an important source of network public opinion, to give full play to the think-tank, discourse library, actively participate in network public opinion early warning, response, build conforms to the 5G era characteristics of network public opinion guidance system, improve network public opinion guidance, shaping ability, build the mainstream of network public opinion, for the government to the network public opinion orderly guide provide theoretical support, case reference.

3. The Hidden Dangers and Challenges Facing the Network Ideological Security Position of Universities under the 5G Trend

While 5G technology has brought new opportunities for the network ideological security work of colleges and universities, it should also not ignore some risks and hidden dangers brought by 5G technology. We should be alert to and prevent some external and internal threats and disturbances, so as to ensure the stable development and continuous progress of the network ideological security position of colleges and universities. Specifically speaking, the main performance is in the following three aspects.

3.1. The Monopoly and Attack Threat Brought About by the Capitalist Countries Relying on the Advantage of Technological Hegemony

American scholar Tofler believes that in the future, the

political center of the world will be gradually transferred to the hands of those who grasp the hegemony of information, and the world is no longer the era to be controlled by weapons and wars [2]. For a long time, the capitalist countries led by the United States have been trying to use their advantages in network technology and information resources to monopolize, suppress, infiltrate and destroy China. They not only hinder China's innovation and development in 5G technology through technology blockade, sanctions and bans, but also steal and destroy China's cyber infrastructure, important data and core areas through cyber espionage, hackers and terrorists. James. Adams believed that the best weapon of war is the computer, which is more powerful than missiles and bombers, and is the key to seizing combat power [3]. At the same time, they also use online platforms and social media to spread anti-China remarks, distort facts, sow discord and create chaos, trying to undermine China's social stability and ethnic unity. They more aim at the network ideological position of Chinese universities, and use various channels and means to export western values and cultural models, in an attempt to influence and corrode the ideas and value orientation of teachers and students in Chinese universities. These are all serious threats and challenges faced by the network ideological security position of Chinese universities in the 5G era, so we must be vigilant.

3.2. The Development Stage of Media Convergence has Troubled the Ideological Security Situation of Colleges and Universities

Media convergence refers to the deep integration of traditional media and new media in content, platform, channel and other aspects, which is the inevitable trend and appropriate choice of the development of the information society. 5G technology can provide strong support and source power for media convergence, making media content richer and more diverse, more rapid and convenient communication methods, and more extensive and in-depth audience participation. This has played a positive role in improving the communication power and influence of the network ideology work in colleges and universities. However, media convergence has also brought some troubles and difficulties to the security work of network ideology in colleges and universities. On the one hand, media convergence intensifies the phenomenon of information overload and fragmentation, which makes college teachers and students prone to selection difficulties, judgment errors and cognitive deviation in the face of massive network information. On the other hand, media convergence has deepened the phenomenon of information asymmetry and inequality, enabling some Western media and we-media to take advantage of their technological advantages and discourse power to distort, smear, slander and other negative representations of China, trying to create public opinion pressure and differences, and disrupt the security construction of China's network ideology.

3.3. The Fierce Confrontation of Network Public Opinion Brings Potential Influence to the Ideological Position of Colleges and Universities

With the rapid development of social economy, some new social problems have also emerged. Under the tide of globalization, the exchange of different cultural concepts is

increasingly common, but it is impossible to avoid the infiltration of some non-mainstream thoughts into society. At the same time, the ideological trend of "interest leading" and "flow is king" spread, weakening the influence of the communication of mainstream values. In the era of 5G, information diffusion is extremely convenient. Students learn about all kinds of news at home and abroad through the Internet hot search, but it is inevitably immersed in the pleasure brought by virtual forwarding. Once the network public opinion event caused widespread attention, the consequences are difficult to estimate. Especially when involving sensitive topics, students who lack guidance are easy to be used by criminals and make inappropriate remarks, which will affect their own development and the reputation of the school. The randomness and diversity of network public opinion make universities face great challenges to maintain the mainstream ideology on the network. Once students participate in the network topic without thinking, colleges and universities are involved in complex public opinions, which will have a potential impact on the construction of network ideology in colleges and universities. Colleges and universities should effectively guide students to distinguish information, improve the sensitivity of public opinion and media literacy, and formulate an effective response mechanism to consolidate the guiding role of mainstream values on campus. Only by actively facing the new challenges of the network, can colleges and universities maintain a leading position in the ideological category.

4. Effectively Prevent and Defuse the Practice of Network Ideological Security Risks in Universities under the Trend of 5G

In the face of new opportunities and challenges brought by 5G technology, the network ideological security work in colleges and universities should not stop at coping and prevention, but also take the initiative, innovate and develop, build a "firewall" of ideological security in colleges and universities, and provide strong ideological guarantee and public opinion support for the training of socialist builders and successors. Combined with the actual situation of colleges and universities at the present stage, the author thinks that there are mainly the following practical ways.

4.1. Consolidate the Foundation of Marxist Theory and Grasp the "Commanding Heights" of the Network Ideological Position in Colleges and Universities

Marxism is the guide to action of Chinese Communists and the guiding ideology of the network ideology security work in colleges and universities. In the 5G era, we must continue to adhere to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era as the guide, thoroughly study and implement the spirit of the 20th, 19th CPC National Congress and the fourth and fifth Plenary sessions of the 19th CPC Central Committee, constantly enrich and develop the Marxist theoretical system, and improve the level and ability to apply Marxist theories. Marxist theory should be taken as the core content of network ideology security education in colleges and universities, and they should systematically teach the Party's innovative theories to teachers and students in colleges and universities through compulsory courses,

elective courses, special lectures and online courses, so as to guide their firm ideals and beliefs, and enhance their political consciousness, ideological consciousness and action consciousness. At the same time, Marxist theory should be taken as the source of the innovation of network ideology in universities, and the law of ideological communication in the network era should be actively explored through the carrier form of scientific research projects, so as to provide strong theoretical support and intellectual contribution for the construction of national network ideology. In addition, the Marxist theory as the core content of university network ideology propaganda, through the website platform, short video communication, widely publicized Marxist theory communication principle, correct media literacy, important content, to enhance the national network ideological voice, leadership to provide strong support.

4.2. Focus on Improving the Ideological Cohesion of the Campus Cyberspace Field

Cohesion refers to the mutual attraction and cohesion among the members of a certain group, which is a social psychological phenomenon. In the 5G era, we should focus on improving the ideological cohesion in the campus cyberspace field, and enhance the sense of identity, belonging and pride of university teachers and students to the mainstream value of society. Therefore, under the guidance of the socialist core values, we should vigorously promote patriotism, collectivism and other excellent ideology and moral character in the campus network space field, cultivate and practice the mainstream social value, build the campus network culture brand, and create a good network cultural atmosphere. At the same time, to the socialist core values as the link, in the campus network space field extensive patriotism education, national community education, national defense education, media literacy education theme activities, stimulate college teachers and students' patriotism, national pride, the sense of national honor, enhance its responsibility consciousness, sense of mission, bear spirit. In addition, based on the socialist core values, we should actively build a harmonious and inclusive network communication platform in the campus cyberspace field, promote the exchange of ideas, emotions and interests between teachers and students in colleges and universities, and enhance their ability of unity and cooperation, mutual assistance and win-win results, and common development.

4.3. Strengthen the Initiative and Leadership of the Network Ideology Management in Colleges and Universities

In the 5G era, we should strengthen the initiative and leadership of network ideological management in colleges and universities, and improve the efficiency and effect of network ideological work in colleges and universities. On the one hand, to strengthen the organization and leadership of network ideological work in colleges and universities, a clear division of responsibility, to implement the responsibility system, establish and improve the network ideological work leading group, specialized agencies, full-time personnel mechanism, form the unified leadership of the party committee, the propaganda department led by responsible, related departments together, all the teachers and students to participate in the work pattern. On the other hand, it is also necessary to strengthen the standardized management of network ideological work in colleges and universities,

improve laws and regulations, formulate rules and regulations, and establish supervision mechanisms, so as to standardize the production, dissemination and use of network information content, so as to prevent and resolve all kinds of network risks and threats. In addition, it is also necessary to strengthen the innovative development link of network ideological work in universities, so as to make full use of the advantages of 5G technology to promote the transformation of network ideological work to digital, intelligent and humanized, so as to improve the interactivity, pertinacity and effectiveness of network ideological work.

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