

# Research on safety education management of technical college students in the new era

Longjian Di<sup>a,\*</sup>, Guangjian Pan

Shandong Industrial Technician College, Weifang, Shandong, China

<sup>a</sup>dilongjian@126.com

\*Corresponding author

**Abstract:** Under the new era background, it is of great value for technical colleges to do a good job in safety education management. At present, due to the multiple influence of various subjective and objective factors, technical colleges still face many practical problems in the guidance ability of campus public opinion, the response speed of crisis events and the systematic management of safety education, which greatly reduces the effect of safety education management. Based on this, the technical colleges should fully monitor the daily public opinion, enhance the safety awareness of students, but also establish a rapid response mechanism, improve the response speed, and finally build a safety education system, enhance the management force, so as to ensure the implementation of the safety education management of technical college students.

**Keywords:** The new era; Technical colleges; Safety education management; Realistic challenges; Practice path

## 1. Introduction

Campus safety and stability is an important guarantee for the sustainable development of higher vocational education, and is also the basis for the smooth development of all school work. At present, under the background of The Times that the country attaches more importance to vocational education, vocational colleges, especially technical colleges, should fully build a safety education system to ensure that students in technical colleges can carry out their study and life smoothly. At present, there are still some unsafe factors lurking in the campus and surrounding areas that affect the safety and stability of the school, and how to do a good job in student safety education management under this background is of great significance.

## 2. The basic overview of safety education management for technical college students in the new era

In the new era, it is very important for colleges and universities, especially technical colleges, to do a good job in safety education management. First of all, as students in technical schools, they usually come into contact with some of the more dangerous tools and equipment in classroom learning and practical operation, such as welding machines, cutting machines, etc. Once students do not operate these tools and equipment standard, it is very likely to have serious consequences. By doing a good job in safety education management, students can improve their awareness of safety issues and prevention awareness, reduce the occurrence of accidental injuries, and ensure students' personal safety. Secondly, students in technical schools may engage in some career activities with higher risks in the future, so it is very important to cultivate students' safety awareness and coping ability.<sup>[1]</sup> Through safety education management, students can learn the correct use and maintenance of tools and equipment, understand various safety norms and operation processes, improve their safety awareness and skills, and ensure safe production. At the same time, technical schools should comply with relevant laws, regulations and norms in the opening of educational activities to ensure the safety and health of the teaching environment. By doing a good job in safety education management, schools can better fulfill their statutory safety responsibilities, comply with relevant regulations, and ensure the orderly operation and sustainable development of schools. Finally, safety education management is not only to prevent accidents and protect the safety of students, but also to help shape a good learning atmosphere. Students learn and work in a safe environment, and are able to complete their tasks more intensively and efficiently, improving the quality of teaching in the overall school. Therefore, technical schools to do a good job in safety

education management is crucial to the safety and development of students, but also the basis for schools to ensure teaching quality and sustainable development.

### **3. The practical challenge of safety education management for technical college students in the new era**

To sum up, the practical challenges in the safety education management of technical college students in the new era mainly include three important aspects: the guidance ability of campus public opinion, the response speed of crisis events and the systematic management of safety education.

#### ***3.1. The guidance ability of campus public opinion***

In the new era, the rapid development of information technology enables public opinion information to enter the student group more quickly. In the face of technical college students with higher information reception ability, the safety education management of their colleges may face some challenges in the ability of campus public opinion guidance. On the one hand, with the popularization of the Internet and social media, the channels for students to obtain information are more diversified and extensive, which also makes students may be affected by various false information, rumors and other information. Once students accept the guidance of bad information, the probability of irrational behavior on impulse will be greatly increased, which directly increases the difficulty of public opinion guidance. On the other hand, students in technical colleges come from different provinces and cities, and there are different ideological concepts and cultural backgrounds in the student groups, so the acceptance degree and effect of public opinion guidance may be different. In the process of guiding campus public opinion, technical colleges need more flexible and diversified guidance methods. At present, technical colleges may face various unexpected events, at which time the effect of public opinion guidance will be particularly important. In the environment of increasingly fragmented information dissemination, how can technical colleges timely and accurately convey information, respond to and deal with negative public opinions in a timely manner, and stabilize students' emotions, so as to avoid causing panic and chaos and avoiding the spread of negative information? And effective guidance of public opinion will become a major problem in the safety education management of technical colleges.

#### ***3.2. The response speed of crisis events***

In the management of student safety education in technical colleges in the new era, the response speed of crisis events is still insufficient, which directly affects the effect of student safety education management. As a technical college, it is necessary to ensure that it is able to communicate relevant information to students and staff in a timely and accurate manner when crisis events occur. However, when an actual incident occurs, the information transmission of the school may be limited by a variety of factors, such as school rules and procedures, communication equipment failure, etc., thus affecting the response speed of various departments, which directly leads to the impromptness of information transmission between the school and students, and greatly reduces the effect of information transmission of the school in crisis events. In addition, when a crisis occurs, quick emergency measures can effectively reduce losses and protect the safety of teachers and students. However, the current technical colleges may face problems such as limited resources and lack of professional emergency personnel, which makes their ability to respond quickly in a crisis doubtful, and the school cannot guarantee proper placement in the first time of campus crisis. At the same time, as the main body of technical colleges, their faculty and staff need to receive crisis emergency training to understand the crisis process and operation methods. However, in actual crisis emergency training, due to the differences in training levels between different departments, some employees may lack necessary emergency knowledge and skills, resulting in insufficient response speed, which will greatly affect the response speed of crisis events.<sup>[2]</sup>

#### ***3.3. The systematic management of safety education***

In the management of safety education of students in technical colleges, systematic management can better cope with various crisis events in colleges. Technical colleges involve a variety of practical professional teaching, students face a variety of safety risks, such as mechanical equipment operation, chemical experiments, etc., its management is more difficult, it is necessary to develop systematic safety education management measures in advance. At present, technical colleges still face some challenges in the system management of safety education due to the influence of policies and regulations, teachers and

students' safety awareness, education resources and so on. From the perspective of the audience of safety education, some teachers and students are also facing the situation of insufficient understanding of the importance of safety awareness, and some schools are easy to ignore safety education, resulting in safety accidents. Therefore, how to improve the safety awareness of teachers and students has become one of the challenges of system management. From the perspective of safety education resources, some technical colleges may lack professional safety education resources and talents, unable to provide effective safety education content and training, affecting the systematic management of safety education. In addition, frequent changes in regulations and policies have also become a major constraint affecting the management of safety education system, safety education management involves the compliance and implementation of many regulations and policies, and regulations and policies may change frequently in the new era, requiring technical colleges to update the management system in time to adapt to the implementation of new policies.

#### **4. The practice path of safety education management for technical college students in the new era**

In the new era, the practical path of safety education management of technical college students can be explored from three aspects: daily public opinion monitoring, solid safety awareness, establishment of rapid response mechanism, improvement of response speed, building safety education system, and enhancement of management force.

##### ***4.1. It is necessary to do a good job in daily public opinion monitoring to strengthen safety awareness***

In the safety education management of students in technical colleges in the new era, in order to improve the level of safety education management, technical colleges should carry out regular daily public opinion monitoring, and strengthen the safety awareness of students through timely public opinion guidance, so as to ensure that students have rational and independent information judgment ability, and realize the monitoring and prevention of safety education management. First of all, the school can set up a special public opinion monitoring group or post in combination with the characteristics of public opinion monitoring, which is responsible for collecting, sorting out and analyzing public opinion information related to technical colleges on a regular basis. The public opinion monitoring team should be able to make full use of news media, social media, feedback from students and other channels to obtain public opinion information, and select appropriate public opinion monitoring tools and platforms based on the actual situation of technical colleges to ensure comprehensive and accurate information sources and achieve professional and timely public opinion monitoring. Secondly, technical colleges should develop clear public opinion monitoring indicators and evaluation criteria according to their characteristics and needs, including students' attention, the influence of news, and students' emotional tendency, so as to better assess the importance and influence of public opinion, and establish an early warning mechanism for those public opinions that may cause sensitive problems. Timely find and take appropriate measures to deal with sensitive issues, and in accordance with the principle of legality and compliance, to ensure that students' public opinion management and guidance play a positive role. In addition to the routine work of public opinion monitoring, technical colleges should take the initiative to understand the concerns and needs of students through regular symposiums, questionnaires and other means, timely find potential public opinion problems, strengthen communication and interaction with students, and enhance students' safety awareness.<sup>[3]</sup> Finally, technical colleges can actively participate in the guidance of social public opinion, promote the dissemination of positive values by releasing positive energy information and participating in social welfare activities, and enhance the social image and influence of technical colleges. Daily public opinion monitoring is an important link to improve the safety education and management of students in technical colleges. Through the establishment of special mechanisms, multi-channel information collection, sensitive problem early warning and response, strengthening interaction with students and other measures, we can timely understand and respond to relevant public opinion, and improve the safety management level of technical colleges.

##### ***4.2. It is necessary to establish a rapid response mechanism to improve the response speed***

In the safety education management of students in technical colleges, in order to enhance the effect of safety education management, technical colleges should establish a rapid response mechanism to improve the response speed of safety education management of students in technical colleges, so as to ensure the proper solution of future crisis events.<sup>[4]</sup> First of all, technical colleges should formulate detailed emergency plans for common safety accidents and emergencies, including responsibility

division, action process, contact information, etc., to ensure that each relevant person is clear about the content and operation steps of the emergency plan. At the same time, technical colleges should also establish emergency communication channels to ensure that in the event of an emergency, they can quickly communicate with relevant personnel by mobile phone text messages, wechat groups, teleconferencing and other means. Secondly, in order to improve the emergency awareness and response ability of teachers and students, technical colleges should also carry out regular safety drills and training to ensure that teachers and students understand how to quickly make the right response and disposal measures when emergencies occur. At the same time, the technical colleges should strengthen the information sharing and cooperation mechanism, and through the establishment of information sharing platform, timely release of security tips and alarm information and other ways to share information, in this process, but also strengthen the cooperation and cooperation with relevant departments, school leaders, public security organs, etc., to form a rapid response linkage mechanism. Finally, schools should also make adjustments in staffing teams and resources. On the one hand, it is necessary to set up a special emergency team or expert team for the crisis plan, responsible for the rapid disposal and decision-making of emergency events. These expert teams should have strong expertise and rich experience to be able to respond effectively in emergency situations. On the other hand, technical colleges should ensure that they are equipped with necessary first aid equipment, fire fighting equipment and other materials for rapid use in emergency situations, and at the same time regularly check and maintain these equipment to ensure their normal operation through the implementation of the above measures; Technical colleges also need to establish a rapid response mechanism to improve the response speed of student safety education management, effectively deal with all kinds of emergencies, and protect the life safety and physical and mental health of teachers and students.

#### ***4.3. It is necessary to build a safety education system to enhance the resultant force of management***

In the new era of safety education management of technical colleges, in order to ensure that safety education can continue to play a role, technical colleges should actively build a safety education system and enhance the joint force of safety education management of technical colleges. In the process of building a safety education system, technical colleges should first formulate long-term, medium and short-term safety education plans, clarify the goals, contents and measures of safety education, establish a sound safety education work organization structure, clarify the responsibilities and authority of various departments at all levels, form a cooperative mechanism of education management, and ensure that safety education work is rule-based and planned. Secondly, technical colleges should strengthen the safety education and training of teachers, improve their awareness and ability of safety education, and establish a sound safety education management system with full consideration of the opinions of all parties, including the provisions of safety education curriculum, textbook selection, extracurricular activities arrangement and so on. In this way, technical colleges can effectively organize and carry out safety education, so as to ensure that safety education is comprehensive and systematic. Thirdly, in order to ensure that students can effectively participate in safety education, the school should introduce diversified educational means, combine multimedia teaching, network courses and other modern scientific and technological means to enrich the form and content of safety education, and improve students' safety awareness and adaptability. Finally, after the formation of a systematic safety education management system, technical colleges should strengthen the publicity work of safety education through campus radio, posters, wechat public accounts and other channels to improve the attention and importance of students and staff to safety education. School leaders, teachers, students, parents and other parties should be encouraged to participate in safety education, so as to form a good atmosphere for full participation and jointly create a safe environment for the campus. It is also necessary to evaluate and inspect the safety education work regularly in the work, find problems in time and solve them, and constantly improve the safety education management system. Through the implementation of the above measures, technical colleges can build a comprehensive and systematic safety education system, strengthen management forces, and improve the quality and effect of student safety education. At the same time, technical colleges should constantly sum up experience, actively explore the safety education model and path suitable for the characteristics of technical colleges, and provide a solid guarantee for the comprehensive development and healthy growth of students.<sup>[5]</sup>

## **5. Conclusions**

Under the background of the current new era, the state attaches great importance to safety education in schools, especially in higher vocational colleges. Based on this, technical colleges should put the life,

health and safety of teachers and students and the stability of the campus environment in the first position of campus work, constantly combine new technology and new means, restrain unsafe factors in the bud, adhere to the "people-oriented, safety first" working principle to create a more safe, stable, harmonious and orderly good environment for the high quality development of the school.

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