

International Journal of Educational Economy and Management

2021 VOLUME 1 NUMBER 1

Publisher: ACADEMIC PUBLISHING HOUSE
Address: Quastisky Building, Road Town, Tortola, British Virgin Islands
UK Postal Code: VG1110

E-mail: editor03@acadpubl.com
<http://www.acadpubl.com/ijeem.aspx>



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Ran Cai

Epidemic Prevention Access Control System Based on Computer Vision

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Abstract: During the epidemic, epidemic prevention, as the top priority in the "Fight against epidemic" work, should attract our attention, and apartment as the main living place of people, an apartment access control system integrating identity identification and epidemic prevention detection is particularly important. The anti-epidemic access control system designed in this paper is mainly controlled by RK3399 embedded platform, with camera and non-contact infrared temperature probe, and OpenCV opening source computer vision library is used to design corresponding detection, identification algorithm and control program. LBPH algorithm is used to realize face recognition. Mask testing was completed using skin color area comparison method; Body temperature was measured using infrared thermometry. Based on computer vision technology, this paper realizes three functions of face recognition, mask detection and automatic temperature measurement, and the accuracy of face recognition reaches 90%. Mask detection accuracy reached 92%; Temperature detection accuracy reached 92%. Finally, identity identification, mask detection and temperature detection are integrated to realize fast and non-contact epidemic prevention detection, providing an efficient and feasible automatic solution for apartment epidemic prevention and access control system.

Keywords: Face recognition; Mask detection; Temperature detection

1. INTRODUCTION

Since the beginning of the epidemic, AI companies have quickly developed and launched a series of products related to epidemic prevention with their own advantages to help the country's epidemic prevention. The epidemic prevention detection system has rapidly developed from the manual detection system with independent components into an automatic detection system integrating identity detection, mask detection and temperature detection. In the past, identity recognition is mainly based on password and IC card verification. Today, with the rapid development of computer vision technology, face detection technology has been deeply involved in identity recognition system, which brings leapfrog development for non-contact identity recognition [1]. As apartments are the main place where people live, it is important to conduct quarantine checks on people entering and leaving apartments. Therefore, this paper makes a physical platform based on the current situation, and realizes the three functions of face recognition, mask detection and automatic temperature measurement on the

basis of computer vision technology, and has the advantages of stability, accuracy and speed.

2. WORKING PRINCIPLE

The system block diagram of the epidemic prevention and access control system is shown in Fig.1. The RK3399 main control platform communicates with the USB digital camera through the USB interface to collect real-time image information for face recognition algorithm and mask detection algorithm. It communicates with MLX90614 temperature measurement module through UART interface, and collects temperature information of the tested person for automatic temperature measurement algorithm. Through the MIPI interface, it communicates with the 7-inch LCD screen with touch, and displays real-time images, prompts, alarms and other information on the LCD screen [2].

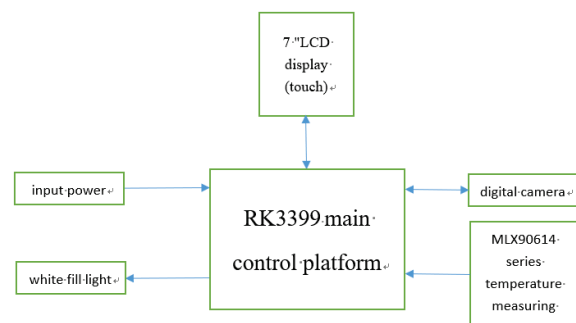


Figure 1. The system block diagram

3. HARDWARE SYSTEM DESIGN

The USB digital camera is connected with the main control through the USB interface; MLX90614 non-contact infrared temperature measurement serial port module is connected with the main control through UART interface; The 7-inch IPSLCD display with touch is connected with the main control through MIPI interface. The power supply of the whole system is DC12V. The overall flow chart is shown in Fig.2. The overall physical drawing is shown in the Fig.3.

3.1 Selection of master platform

In this design, RK3399 embedded platform is selected as the main control platform of epidemic prevention and access control system. Its internal advanced six-core, large and small core architecture (quad-core Cortex-A53+ dual-core Cortex-A72) and integrated independent coprocessor (NEON) ensure its low power consumption and ultra-high performance [3]. RK3399 also provides rich common interfaces such as GPIO, UART and SPI, making it highly extensible. Most importantly, RK3399 supports Linux operating system, which provides great convenience for

computer vision algorithms to be deployed on its platform. The physical picture of the main control platform is shown in Fig.4. RK3399 main control platform mainly realizes three functions: communicate with USB digital camera through USB interface, receive real-time images for face recognition algorithm and mask detection algorithm; Communicate with the automatic temperature

measurement module through the UART interface, receive the real-time temperature information of the tested for the use of the automatic temperature measurement algorithm, communicate with the 7-inch LCD display screen through the MIPI interface, receive touch screen information and display the prompt, alarm and other information and real-time images through the LCD.

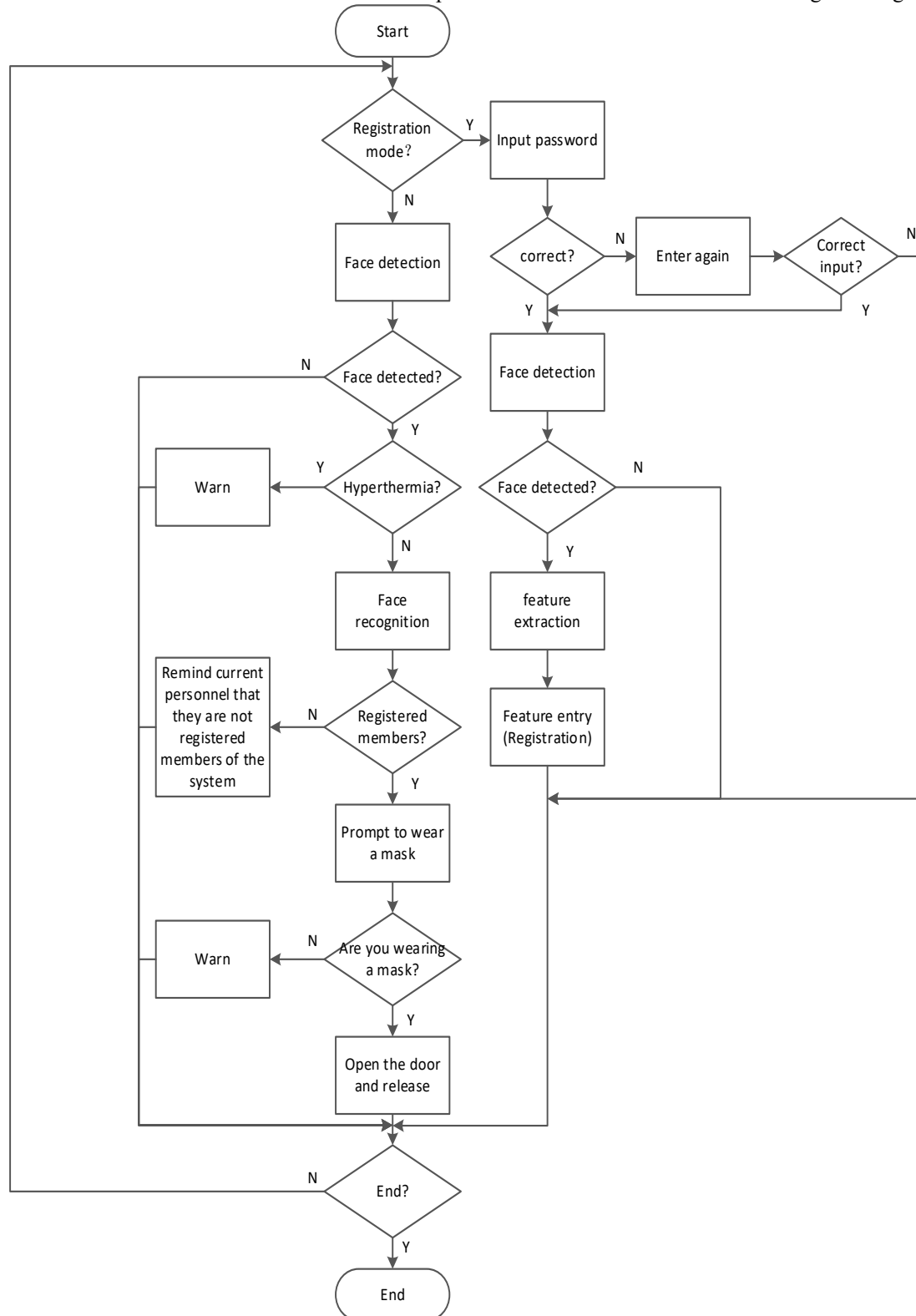


Figure 2. Program flow chart



Figure 3. Overall physical drawing

3.2 Camera

In this paper, a 2 million pixels USB digital camera without drive is used to collect real-time images. USB digital camera has the following advantages: fast speed; The price is low; Low technical threshold, low requirements for users' technical knowledge reserve, installation can be used; It can be quickly arranged without the need to set up a dedicated server. The main function of USB digital camera in this paper is to collect real-time images, communicate with RK3399 master control platform through USB interface, and transmit real-time image information to the master control platform for face recognition algorithm and mask detection algorithm to use. The camera is shown in Fig .5

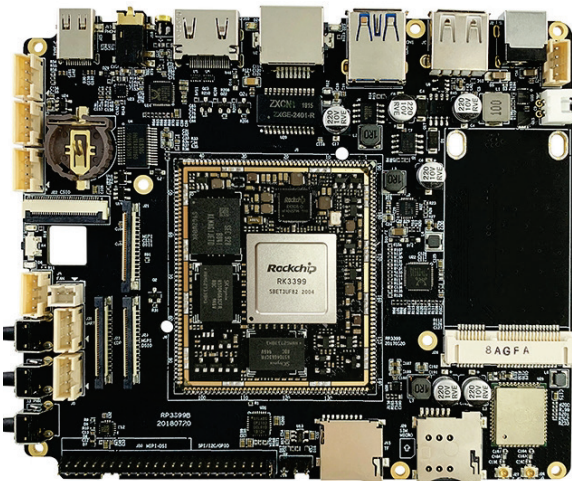


Figure 4. Physical picture of main control platform

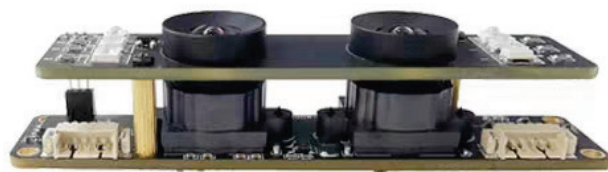


Figure 5. Camera

3.3 Temperature measurement module

The temperature measurement module selected in this design is MLX90614 non-contact infrared temperature measurement serial port module. It has excellent stability and temperature measurement accuracy. It is widely used in non-contact temperature measurement equipment such as handheld forehead temperature gun. The MLX90614

non-contact infrared temperature measurement module integrates UART interface to facilitate communication with RK3399 main control platform. The main function of MLX90614 non-contact infrared temperature measurement serial port module is to collect the real-time body temperature of the measured person, and transmit the body temperature information to RK3399 main control platform through UART interface for automatic body temperature measurement algorithm. The temperature measurement module is shown in the Fig.6.



Figure 6. Temperature measurement module

3.4 Display module

This design selects the 7-inch IPSLCD display screen with touch as the system display and alarm module. IPSLCD has the advantage of wide visual range, up to 178 °. It can achieve perfect display from all angles without whitening and color distortion. The IPSLCD selected this time mainly communicates with RK3399 main control platform through MIPI interface to display real-time images, prompts, alarms and other information, and can realize good human-computer interaction with the attached capacitive touch screen. The display module is shown in the Fig.7.



Figure 7. Physical drawing of IPSLCD display screen

4. EXPERIMENTAL TEST

During debugging, it is found that the face recognition function does not get stuck or crash during operation, and has good stability and reliability [4]. In addition, the face appearing under the camera can realize the function of detection and recognition. The recognition similarity of the face recognition system reaches about 90%, and the average recognition speed is about 300 milliseconds, which reflects that the function module has certain performance in accuracy and real-time.

The collected image is preprocessed, and the eye area is obtained by human eye detection. The area twice the height below the eye area is regarded as the mask area, and the skin color areas of the two areas are calculated respectively [5]. Compare the skin color area of the eye with that of the mask area. If the former is less than the

latter, it means that the mask is not worn; If the latter is smaller than the former, the mask has been worn. Mask identification is shown in Fig .8.

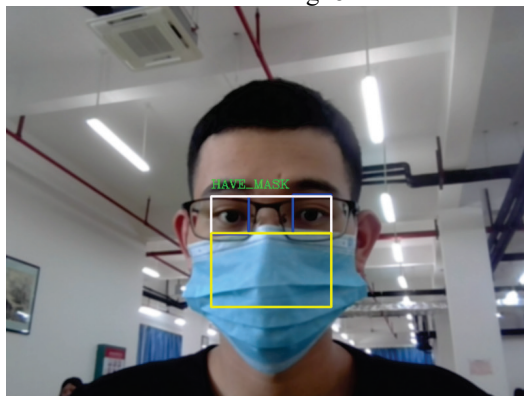


Figure 8. Physical drawing of IPSLCD display screen

The mask detection function test is completed. After debugging, it is found that the mask detection function does not get stuck or collapse during operation, and has

Table 1. Temperature measurement data

Measuring equipment Time	Epidemic prevention access control system(°C)	Standard equipment(°C)
Morning of the first day 9:00	36.5	36.6
Noon of the first day 12:00	37.0	36.9
Afternoon of the first day 18:00	36.6	36.4
Morning of the second day 9:00	36.3	36.5
Noon of the second day 12:00	36.8	36.9
Afternoon of the second day 18:00	36.4	36.4

At this point, the automatic temperature measurement function test is completed. After debugging, it is found that the automatic temperature detection function does not get stuck and collapse during operation, and has good stability and reliability. In addition, the absolute error between the measured data and the standard equipment is no more than 0.2 °C, the measurement time is within 100ms, and the result is reliable. It reflects that the function module has very good performance in accuracy and real-time [6].

5. CONCLUSION

The epidemic prevention access control system designed this time takes the rk3399 embedded platform as the main control of the system, cooperates with the camera and non-contact infrared temperature measuring probe, and realizes the three functions of face recognition, mask detection and automatic temperature measurement by designing the corresponding control program. It integrates identity recognition, mask detection and body temperature detection, and applies the current popular computer vision technology to realize rapid and non-contact epidemic prevention detection, which provides an efficient and feasible automation scheme for apartment access control system. With the economic development and scientific and technological progress, computer vision technologies such as face recognition are becoming more and more mature. It is hoped that these technologies can escort people's safety and the rational allocation of public resources, and enrich and facilitate human life.

good stability and reliability. In addition, the face under the camera can be detected. The accuracy of mask detection function is about 92%, and the average recognition time is about 250 milliseconds, which reflects that the function module has very good performance in accuracy and real-time.

After the automatic temperature measurement function is turned on, the temperature of the tested person is measured through the non-contact infrared temperature probe, and multiple groups of data are recorded. The temperature of the tested person is measured and recorded by using the non-contact temperature measurement device that meets the national standard on the market at the same time and under the same conditions, Compare the body temperature data of the epidemic prevention system and the non-contact body temperature measuring device meeting the national standard at the same time and under the same conditions, calculate the deviation, and the obtained data are shown in Tab.1.

ACKNOWLEDGEMENTS

Supported by Heilongjiang postdoctoral Fund (Project No.: LBH-Z17194).

Supported by the scientific research startup fund of Guilin University of Technology (Project No.: GUTQDJJ2019174).

Supported by Natural Science Foundation of Guangxi Province of China(2020GXNSFBA297124).

REFERENCES

- [1] Jing Dai, Research on new technology of bad information management based on deep learning, Telecommunication engineering technology and standardization, 2020, 33(11):75-81.
- [2] Qi Liu, Research on identity recognition and electronic control system of intelligent access control System, Southwest Jiaotong University, 2018.
- [3] Omron Automotive Electronics Co. Ltd.; Patent Issued for Door Control System, Control Device, and Mobile Device (USPTO 10, 525, 935), Journal of Engineering, 2020.
- [4] Honggang Yu, An efficient face recognition algorithm using the improved convolutional neural network. Discrete & Continuous Dynamical Systems - S, 2018, 12.
- [5] Guo Cheng, Shuyang Li, Yanheng Zhang, Ran Zhou, A Mask Detection System Based on Yolov3-Tiny, The Frontiers of Society, Science and Technology, 2020, 2(11).
- [6] Negin Loghmani, Mohammad Mehdi Shirmohammadi, Mostafa Chahardoli, Face recognition using the LCS algorithm, Revista Publicando, 2018, 5(14).

The Emotional Expression of Lines in Chinese Painting

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Abstract: With the development and progress of society, my country's comprehensive national strength and international influence are getting higher and higher. my country's traditional culture has also attracted the attention and attention of the world during this process. Chinese traditional culture has a long history and has a rich cultural heritage. As an important part of traditional culture, Chinese painting is an important culture that can represent the spirit and connotation of China. Lines are an important element in Chinese paintings, and the outlines they outline are an important way to express the emotions of Chinese paintings. This article starts from the perspective of emotional expression of lines in Chinese paintings, and aims to promote the further development of lines in Chinese paintings.

Keywords: Chinese Painting; Lines; Emotional Expression

1. INTRODUCTION

In the inheritance of Chinese traditional culture, lines, as the main constituent elements of Chinese painting, play an important role in the inheritance and development of Chinese painting. The painter enriches the emotional expression of the painting by sketching different lines. The painter has gradually enriched the role of lines in the constant exploration. Even in modern Chinese painting, people have never stopped exploring the role of lines. People began to try to break away from the shackles of the lines themselves and engage in abstract thinking to improve the charm of Chinese paintings. Compared with Western paintings, Chinese paintings are more freehand and abstract. The painter can convey different emotions with just a few strokes. As long as the painter skillfully uses the lines, he can give full play to the connotation of Chinese painting.

2. OVERVIEW OF THE LINES OF CHINESE PAINTING

China has a 5,000-year heritage of civilization, and the pursuit of beauty has been carried out in Chinese culture from a long time ago. The inspiration of art comes from life, in other words there is a strong artistic atmosphere in life. People's pursuit of beauty is connected with life, which greatly improves people's cognition and spiritual world. People seek beauty from the heart and feel beauty. This kind of thinking can be continued through education. The perception of beauty gained in education will continue to extend to people's actual lives. Educators of different schools know how to combine knowledge with aesthetics, so that they can achieve the purpose of combining internal and external. The traditional school of our country has a unique view on aesthetics. It believes

that people can maintain their inner ideas without being affected by external factors when they are highly integrated with nature. This view is also the origin of lines in Chinese painting. Pen, ink, paper and inkstone are necessary tools for painting. Each tool can outline different shapes. Using these tools can give Chinese painting unique attributes. Pen and ink is a key factor affecting lines, and the use of a large number of lines in the painting can reflect the Chinese way of thinking. Since ancient times, our country has always attached importance to the subject's emotions. When painting, the artist uses lines to increase the haziness and artistic conception of the painting. The stream of consciousness is a form of abstract painting by the artist. Based on the consciousness of the subject, he constantly explores and explores the usage of the line, and the line has become a painter. An important vehicle for expressing emotions when painting.

3. THE ROLE OF LINES IN CHINESE PAINTING

3.1 The modeling role of lines

Lines can help painters to concretize abstract thinking. Painters often give priority to the role of lines when shaping the image in a painting. Lines are an indispensable and important part of traditional Chinese painting. In traditional paintings, painters always use lines. Outline different forms. For example: In painted pottery culture, artists use lines to paint on ceramics. The picture drawn by the lines of a pen can intuitively reflect the living conditions of people at that time. At the same time, in ancient times, people could also use lines to abstract concrete things, so that the whole picture has artistic conception and charm.

3.2 The abstract function of lines

In traditional paintings, painters often use lines to make abstract paintings. Traditional Chinese painting has always paid attention to a kind of hazy beauty and artistic conception. The paintings made by painters can be fascinating and arouse viewers' thoughts and thoughts. It is precisely because of this characteristic of Chinese traditional painting that the painter will not deliberately pursue the authenticity and objectivity of things when painting. Instead, they think abstractly based on their own consciousness. In the process of the painter's abstract thinking, the painter will consider the use of changes in the shape of the lines, such as using the length, density, thickness, and straightness of the lines in the painting to express his emotions. At the same time, different changes in the lines can also abstract the characteristics of things. From a viewing point of view, paintings formed by lines can often give people a vague and hazy beauty. This painting method and concept also shows the purpose of the abstract beauty of Chinese painting from the side.

3.3 The decorative effect of lines

Lines are the main carrier of Chinese painting emotions, and lines also play a decorative role in Chinese paintings. In fact, lines had a decorative function in Chinese painting long ago. For example: In ancient times, people used lines to outline the weird human figures with fish tails. In this way, the decorative effect of the lines can be reflected. In the later development process, people began to use polylines, curves and geometric patterns to enrich the decorative functions of lines. In addition, items decorated with lines also have a very high ornamental value. The patterns on bronzes in ancient times were all formed by a combination of geometric patterns. This is also the most typical decoration and can bring great strength to the viewer. The visual impact.

4. THE EMOTIONAL EXPRESSION OF LINES IN CHINESE PAINTINGS

4.1 Emotional performance of fine brushwork

Line drawing is the basis of fine brushwork. The outline of the painting is drawn through line drawing, and then the entire painting is completed through the dyeing process. From this point of view, line drawing is an important part of the fine brushwork. In addition to the task of composition, it also has the function of coordinating the line drawing manuscript and color. In order to improve the quality of meticulous painting, it is necessary to pay attention to the use of lines in the Tang and Song Dynasties when meticulous painting was popular. The Song Dynasty emphasized the softness of lines in the fine brushwork, so in the process of painting, the use of lines should be very smooth, using the characteristics of wild and uninhibited lines to show the artist's thoughts and feelings. The tenderness of the painting can be felt from the Gongbi paintings of the Song Dynasty. This is an important way of presenting lines in an era and a very important function symbol. With the development of the times, the beauty of tenderness represented by the lines in the fine brushwork began to develop in the direction of the combination of rigidity and softness. This trend has enriched the emotional expression of the fine brushwork. The coordination of the thick and thin lines and colors in the fine brushwork can highlight the gentle beauty of the painting and give the viewer a sense of elegance and ease. The variability of the lines in the meticulous paintings makes it feel graceful and graceful when constructing the image of the characters. The changes in the lines also make the entire gongbi painting more unique, and the

development and use of the lines enriches the stories and emotional expressions of the gongbi painting.

4.2 Emotional performance of freehand lines

There are many forms of Chinese painting, and freehand painting is one of many Chinese paintings. From ancient times to the present, freehand painting has attached great importance to the use of lines. In order to express the emotion of the painting, the painter must make full use of the lines to express the artistic conception of the painting. The content of freehand drawing is abstract. It does not pay attention to the objectivity and authenticity of the painting content. It pays more attention to the artist's thought and emotional expression. For this reason, the use of lines as the skeleton of the entire painting is the core of the entire painting creation. The use of different lines is the carrier of emotional communication between the painter and the viewer, as well as the presentation of the unique language in the painting. The use of lines for abstract painting can enhance the artistic conception of the entire painting.

5.CONCLUSION

In general, lines are an important part of Chinese painting, and people should make good use of lines to express the artist's emotions and thoughts. Combining the aesthetic pursuits of people in different times, rational use of lines to promote the development of Chinese painting.

ACKNOWLEDGEMENTS

Research on Urban and Rural Landscape Painting From The Perspective of "Green Mountains and Clear Waters" Under The Humanities and Social Science Research Project of Chongqing Education Commission - Taking Chengdu-Chongqing Area As An Example. NO: 21SKGH427.

REFERENCES

- [1] Li Rong. The emotional expression of lines in Chinese paintings[J]. Artwork Jian, 2020(29):146-147.
- [2] Wang Su. A Preliminary Study on the Expressiveness of Chinese Line Drawing[J]. Beauty and Times (Medium), 2020(01): 11-12.
- [3] Zhao Sishan. on the emotional expression of lines in traditional Chinese painting [J]. Popular Literature and Art, 2017(23):77-78.
- [4] Wei Jinrong. on the emotional expression of lines in Chinese paintings[J]. Cultural Innovation Comparative Research, 2018, 2(06): 61+63.

Talking About the Application of Post-Experience Reflection in The Teaching of "Nursing Interpersonal Communication and Etiquette"

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Abstract: In order to improve the etiquette and communication skills of nursing staff and improve the overall quality, the course "Nursing Interpersonal Communication and Etiquette" is opened. The core is to cultivate students' sense of collective responsibility and teamwork spirit, and to improve nursing staff A sense of humanistic care. Based on this, this article takes the teaching method of post-experience reflection as the research object to discuss its specific application in the course of "Nursing Interpersonal Communication and Etiquette".

Keywords: Post-Experience Reflection; Teaching; Nursing Interpersonal Communication and Etiquette

1.INTRODUCTION

At present, with the continuous development of the nursing industry, people pay more and more attention to interpersonal communication etiquette and communication in the nursing field. In recent years, the training of interpersonal communication etiquette and communication skills in the basic nursing education model has become more and more important. "Interpersonal communication and etiquette" refers to the application of the theory of interpersonal communication and etiquette to the humanistic aspect of nursing practice. Students should master relevant theoretical knowledge and skills, and learn good behavior etiquette to communicate with patients.

2. SPECIFIC APPLICATION METHODS OF POST-EXPERIENCE REFLECTION IN THE TEACHING OF "NURSING INTERPERSONAL COMMUNICATION AND ETIQUETTE"

2.1 Experience hospital internship activities

In a long vacation before the beginning of the course, students are organized to go to nearby hospitals for internships. The content of practical learning revolves around the communication methods between hospital nurses and patients, the normal working status, and the self-cultivation revealed at work and etiquette. Understand the specific operation mode of the hospital, understand the specific work content of the nurses in the hospital, and write your own internship report according to your own experience and experience. The internship report should occupy at least one-fifth of the grade of this course.

2.2 Reflections on holiday internships

After the students come back from the hospital internship,

they will formally start the teaching of this course, then first conduct a pre-course discussion, and make a pre-class discussion about their experience of internship in the hospital, and discuss what they have observed with the classmates. Summarize and summarize, let every student participating in the internship discuss whether the nurses' training etiquette and interpersonal communication skills they saw during the internship meet the norms, whether they have achieved friendly communication with patients, and whether they have a smile during the communication, Did you bring negative energy to the patient? in the pre-class discussion session, let the students boldly evaluate, ask the student what the student would do if the student is the nurse, encourage students to express their own ideas, the discussion class is more difficult, and an experienced and capable teacher can be arranged as the host Atmosphere is the top priority of the discussion class before this class. Only when the atmosphere is warm, students will not feel restrained or embarrassed, and then can they speak their true thoughts [1].

2.3 Scenario simulation teaching

Theoretical courses only account for at most one-third of the total courses, and often only the key parts are taught in detail, and then practical courses are arranged to train students' clothes, makeup, standing, walking, sitting, medical service language, and How to operate medical equipment and other professional behaviors. In order that the theoretical courses and practical skills learned by the students can be smoothly applied to the work, the teaching of the scene simulation performance type is designed. Divide every five to eight students into a group, and let the students act as patients with different diseases, such as cancer patients, the disabled, and the family members of the injured in a car accident. The other group act as hospital staff, doctors, nurses, and others. The role of the staff. Really experience the real communication situation between hospital staff and patients. Let students improve their theoretical knowledge and practical skills.

2.4 Set up volunteer activities

When the course is not in time, part of the course time can be allocated to arrange for students to sign up as volunteers in the ward of the hospital after class time and the allocated time to assist patients in washing their faces, wiping their bodies, assisting the toilet, cutting their nails, and tidying up for basic nursing work such as bedding, learn to communicate with patients and their families, and use the etiquette and practice learned in the course.

3. THE APPLICATION VALUE OF POST-EXPERIENCE REFLECTION IN THE TEACHING OF "NURSING INTERPERSONAL COMMUNICATION AND ETIQUETTE"

3.1 Advantages of social practice

Social practice helps to improve students' observation skills and critical thinking skills. In practice, students not only see the positive image of medical staff, but also the negative image of medical staff. Positive images make students yearn for them and feel that they will become that kind of person in the future. The negative impact on the image of patients makes them realize that nurses should communicate more with patients. What is even more impressive is that nurses have demonstrated outstanding skills in communicating with and caring for patients. Not only are nurses well-trained, but they should also learn to sympathize with patients, feel their psychological experience, and feel the role of humanized nursing in clinical work. The understanding and cooperation between patients and their families can win respect from patients and their families.

3.2 The advantages of reflective discussions

The course activities of reflection and discussion held after the internship in the hospital can stimulate students' learning initiative and enthusiasm. Students should prepare an internship report before the start of the pre-class discussion, and conduct reports and discussions based on the information obtained during the internship. In order to achieve good results in the discussion, students usually actively search for relevant documents, and then make reference to evaluate the actual situation. This process helps to improve students' observation ability, creative thinking ability, information retrieval and the ability to use related tools [2].

3.3 Advantages of scenario simulation and voluntary activities

The teaching method of situational simulation can not only improve students' enthusiasm for learning, but also stimulate students' desire for knowledge, and improve students' analytical thinking ability. The ability of interpersonal communication has been greatly improved. Only by personally experiencing the mind can emotion and meaning be generated. In the simulated teaching activities, students can not only feel relaxed and happy, fresh and interesting spiritual feelings, but also make the knowledge points taught by the teacher deepen the memory of the students, and the memory of the difficult points will be more profound. The verbal communication

and non-verbal communication expressed in the course have a clearer understanding, combining practical and theoretical knowledge. It is the foundation of this course. Only when nurses learn empathy can they actually understand the pain felt by the patient and think from the perspective of the patient. This is the ultimate goal of this class.

Volunteer activities have a significant effect on students' communication, etiquette and expression skills. A person's communication skills, expression skills, and his etiquette cannot be improved in a short semester. What this course cultivates is A habit is to change the etiquette habits of the students in daily life first, and then make persistent changes to improve their communication and expression skills. Participate in volunteer activities to increase the initiative and enthusiasm of students in communicating with strangers. Many problems are not as difficult as imagined. They are bold in promoting themselves, training students to boldly speak their own ideas, actively communicate with others, and use them. Promote patients with their own knowledge. This not only exercises my communication skills but also consolidates my knowledge.

4.CONCLUSION

Most nursing students have just walked out of home due to their age and are relatively shy in the new environment. They are slow to adapt to school life and have a great impact on the school's training of students' professional abilities. Communication and Etiquette" this course. However, if the traditional teaching methods are used to teach students empirically, it will not achieve the training of interpersonal communication skills and the learning of etiquette. Therefore, the teaching model of first experience and reflection can fully mobilize students' learning enthusiasm and improve the overall Quality.

REFERENCES

- [1] He Lili. Research on the application of Lanmoyun class in the teaching of higher vocational nursing etiquette and interpersonal communication[J]. Guangdong Vocational and Technical Education and Research, 2019(04):60-62.
- [2] Wang Lihua, Li Jie. Brief analysis of the application of small lectures in the teaching of "Nursing Etiquette and Interpersonal Communication" [J]. Shanxi Youth, 2019(04): 203.

Thoughts on the Reform and Development of Korean Language Major in Higher Vocational Colleges

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Abstract: With the acceleration of global trade, language, as the main means of trade communication, affects the entire trade process and the effect of communication. In recent years, my country's economy has developed rapidly and the level of science and technology has been continuously improved. South Korea is the main country for trade in my country. To achieve smooth communication between the two countries and achieve a win-win situation, it is necessary to strengthen language training and application. This article will combine the existing problems of the Korean language major in higher vocational colleges, and put forward the thoughts on the reform and development of the Korean language major.

Keywords: Higher Vocational Colleges; Korean Language Major; Reform and Development

1. INTRODUCTION

With the deepening of trade between my country and South Korea, the construction and development of the Korean language major not only conforms to the development trend of the country, but also meets the needs of students for Korean language learning. However, during the development of the Korean language major, some problems have gradually appeared, which will have a certain negative impact on the overall development trend of the Korean language, such as: few training bases, imperfect curriculum system, and insufficient teaching staff. Relevant persons in charge of higher vocational colleges need to pay attention to the problems that arise in Korean language majors and carry out relevant curriculum reforms in response to practical problems.

2. EXISTING PROBLEMS OF KOREAN LANGUAGE MAJORS IN HIGHER VOCATIONAL COLLEGES

2.1 Few training bases

The training base is an effective way for students to exercise their oral communication skills and effectively consolidate their knowledge of Korean language. Therefore, the training base plays a vital role in student learning and professional development. However, at present, higher vocational colleges have relatively little investment in Korean language majors, coupled with the fact that the relevant persons in charge do not pay much attention to Korean language majors, resulting in a small number of training bases for Korean language majors, and some schools even do not Training Base. There are few training bases. Therefore, students in this major are prone to have a solid grasp of knowledge and theory, but they cannot communicate in Korean. Furthermore, the students' learning effect is not good, and it may even cause

the students to reduce the learning intensity of Korean, and the overall learning progress is slow.

2.2 The curriculum system is not perfect

Curriculum system is the process of achieving reasonable collocation and integration between courses. An effective curriculum system can speed up students' learning progress and improve students' learning interest and learning efficiency. The curriculum system determines the learning direction and content of students to a certain extent. Therefore, the establishment of the curriculum system must conform to the students' learning situation and the actual development level of the school, and be scientific and reasonable. But at present, the Korean language professional curriculum system of higher vocational colleges is not perfect. There are more basic theory courses and fewer relevant Korean oral training courses. Students have certain difficulties in Korean translation and reading. In addition, most of the students have not been exposed to Korean language learning, and when studying in higher vocational colleges, they have no relevant learning foundation. However, in order to highlight the superiority of the school's curriculum system, some higher vocational colleges will add some more difficult courses, which leads to relatively low learning intensity and poor learning effect when students learn Korean [1].

2.3 Insufficient teaching staff

Teachers are the guides of student learning and the promoters of student development, and the important person in charge of curriculum teaching. The teaching level of teachers affects the learning effect of students. Korean is different from Chinese. Students are already familiar with Chinese and have a good Chinese foundation. Therefore, students will inevitably have difficulties in learning Korean, resulting in slow learning progress and poor learning effects. At the same time, different students have different learning levels and learning abilities, and teachers need targeted guidance. However, at present, the number of Korean language teachers in higher vocational colleges is relatively small, and the overall teaching task is relatively heavy, and it is impossible to carry out targeted teaching for the whole class. For some students who are not attentive in class, teachers can only turn one eye and close one eye in order not to delay the overall teaching progress.

3. THINKING BASED ON THE REFORM AND DEVELOPMENT OF KOREAN LANGUAGE MAJOR IN HIGHER VOCATIONAL COLLEGES

3.1 Establish a training base

The length of study in higher vocational colleges is generally three years. The purpose of Korean language majors is not only to enable students to learn Korean knowledge, but also to enable students to master relevant learning methods, so that students can leave the vocational colleges. After the learning environment, you can continue to learn Korean, master the basic knowledge and skills of Korean, and promote the overall development of students. Because the length of study in higher vocational colleges is relatively short, and the students of this major have rich basic knowledge of Chinese and strong oral communication skills in Chinese, under this factor, students of this major have a certain degree of difficulty in learning Korean knowledge. In order for students to be more proficient in oral Korean communication and increase their interest in learning, it is necessary to create a good learning environment for students and increase opportunities for oral practice. In the process of continuous oral expression, students will deepen the consolidation of knowledge and better exercise muscle memory.

Professionals in higher vocational colleges need to recognize the importance of training bases for students' learning, and actively establish training efforts so that students can apply knowledge and theory to practice and improve the overall level of oral communication. on the one hand, the relevant personnel in charge of the major need to strengthen cooperation with other schools, so that students can have the opportunity to enter the relevant language environment and feel the actual language atmosphere. Second, it is necessary to improve the opportunities for students to exercise. Teachers need to assign oral tasks to students, such as small video imitating tasks and singing tasks, so that students can train in the training base, and provide certain learning conditions for students to learn independently. In this way, students' interest in learning can be improved, their learning progress can be accelerated, and students' oral communication skills can be exercised.

3.2 Improve the curriculum system

The curriculum system affects the learning direction and content of students, but the current curriculum system of higher vocational colleges is not perfect, some courses are more difficult, or the courses pay more attention to the students' knowledge and theory learning, and there are fewer oral practice courses, which cannot be satisfied. Students' demand for Korean learning. Therefore, the relevant persons in charge of this major need to realize the importance of the curriculum system for students' learning, increase the intensity of curriculum reform, provide students with learning time for oral communication, and increase practical opportunities. At the same time, the curriculum needs to realize the mutual penetration of liberal arts and sciences. While paying attention to the

professionalism of the curriculum, it must also pay attention to the development of other aspects of students to create comprehensive learning talents.

3.3 Increase investment

The establishment of the Korean language major conforms to the development trend of the times, and is also an important measure for teaching to meet the learning needs of students. In order to achieve the overall development of students, increase their knowledge, and improve their oral communication skills, relevant personnel in charge of Korean language majors in higher vocational colleges need to increase their professional investment. on the one hand, the teaching staff needs to be expanded. A good faculty team can improve students' learning effects, provide students with learning guidance, and at the same time, supervise students' learning and speed up their learning progress. Therefore, relevant responsible personnel need to use generous treatment to attract professionals to join the teaching team, give full play to the role of professional teachers, and provide talent guarantee for the development of the Korean language profession. on the other hand, it is necessary to actively introduce modern equipment to improve the progress of teaching and enhance the overall effect of teaching. For example: teachers can use multimedia equipment to play Korean video or music to stimulate students' interest in learning and improve their learning efficiency [2].

4.CONCLUSION

The development of Korean language majors in higher vocational colleges in my country is conducive to increasing the connection between students and Korean language, improving students' understanding of Korean language, enriching students' language knowledge, and promoting students' all-round development. However, in the development process of the Korean language major, some drawbacks gradually appeared, which affected the sustainable development and overall development progress of the Korean language major. Therefore, the relevant responsible personnel of higher vocational colleges need to pay attention to the importance of the faculty for the development of the profession, actively increase the investment in the profession, make reasonable plans for curriculum construction, and promote the further development of the Korean language profession.

REFERENCES

- [1] Li Yijiao. Exploration and practice of mixed teaching of Korean as a second foreign language in colleges and universities [J]. Journal of Kunming University, 2021, 43(05): 78-82+89.
- [2] Yin Hua. Innovative thinking on Korean language teaching in higher vocational colleges [J]. Journal of Hubei Open Vocational College, 2021, 34(13): 13-14.

Research on the Problems and Countermeasures in The Management of College Students

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Abstract: In college teaching, students have distinct personality characteristics and awareness, which also puts forward higher requirements on the management of colleges and universities. Doing a good job in college student management is an important issue of current college education, and it is also to ensure that college students study An important guarantee for quality and personal safety. However, in the actual management work, there are many problems in the management work of many colleges and universities, which affect the quality of life and learning of college students, and cause many conflicts between teachers and students and students, which is not conducive to the management of college students. develop. The article introduces in detail the current situation of student management in my country's universities, analyzes the problems existing in student management in China's universities, and expounds measures to improve the effectiveness of student management in my country's universities, so as to improve the quality and efficiency of student management in universities and ensure that The normal development of college education promotes the further development of college education in our country.

Keywords: College Students; Management Work; Problems; Countermeasures

1. PROBLEMS IN THE MANAGEMENT OF COLLEGE STUDENTS IN MY COUNTRY

In our country's college education, the management of college students is one of the important contents of college management. There are some problems in the actual management work, which affect the life and study of college students, and unscientific management will also affect students' emotions. and psychology, these problems are mainly manifested in the following aspects.

1.1 Insufficient attention to student management

In the teaching of colleges and universities, although the work of student management has been ongoing, many schools and teachers have not paid much attention to it. They believe that college students, as adults, should have a high degree of self-discipline and independence, and they should not take care of students' study and life. Supervision and management [1]. In the survey of some colleges and universities, it is found that the attendance rate of students is generally low. The reason for this problem is that college students do not have strong self-discipline and will use their study time to go online and play, etc. This is also the management of students by colleges and universities. Ignored the result. Although college students have reached adulthood, many students do not have a high degree of self-discipline ability, and the

temptation of the society is diversified. Many students are easy to go astray in pursuit of freshness and novelty, which directly affects the attendance rate of colleges and universities. Therefore, the lack of attention to student management will eventually make it difficult for colleges and universities to carry out student management effectively, which will have a negative social impact on the school.

1.2 Failure to take advantage of student self-management

In the student management of colleges and universities, as the main body of management, students should actively play to their own advantages, and let students participate in the management of students in the school through the form of student unions. However, in the actual management process, the instructor's guidance is often followed for management work, and the students' self-management advantages are not used. The student management work is often interfered by school administration, which restricts the students' working methods in management work [2].

1.3 The quality of management personnel is low, and management methods are backward

In the student management work of many colleges and universities, instructors are the implementers of college management. This kind of management is often carried out for a specific class and has certain limitations. At the same time, the overall quality of counselors is also a common problem faced by colleges and universities, which directly affects the quality and efficiency of college student management. Some colleges and universities have also asked about resource conservation and convenient management, and let the teacher in charge to manage the students. This kind of management increases the workload of teachers to a certain extent, and cannot guarantee the effect of student management in colleges and universities. Many counselors and class teachers do not have much management experience in actual management, and the management methods are relatively simple and rude, which makes students rebellious and cannot effectively improve the quality and efficiency of student management.

1.4 The diversified thinking of students increases the difficulty of student management in colleges and universities

With the development of information technology, the ways of information dissemination have become more diversified. All college students in our country have certain information receiving tools, which can enable students to understand information in a timely and efficient manner. This kind of networked information dissemination has brought students a diversified mode of thinking, broadened their horizons, increased their

knowledge, and enhanced their self-awareness. It is precisely because of the development of networked information that it has also increased the difficulty of student management. Many students will have different opinions and opinions on the handling and resolution of many problems, and the administrators cannot understand each student's details in detail. The change of thinking and personality make the manager and the students not in the same cognitive dimension, which reduces the scientificity and effectiveness of student management.

2. MEASURES TO IMPROVE THE EFFECTIVENESS OF STUDENT MANAGEMENT IN MY COUNTRY'S COLLEGES AND UNIVERSITIES

2.1 Raise the awareness of student management

In the student management of our country's colleges and universities, we must first change the management consciousness of colleges and universities, let the college administrators fully realize the importance of student management, enhance the management consciousness of the management staff, and put the student management work in the same way as the teaching tasks of colleges and universities. In terms of status, it is not only the ideological emphasis on student management, but also the actual working methods. The effectiveness of student management in colleges and universities can promote normal teaching activities in colleges and universities, improve the quality and efficiency of teaching activities, cultivate students' good life and study habits, and promote the development of students' good qualities [3].

2.2 Clarify the main status of students and give full play to the advantages of students' self-management

In the management of students in colleges and universities, it is necessary to actively give play to the students' self-management ability, insist on taking students as the center, let students participate in the actual management work, and give the management authority to the students. This method of autonomous management can enhance students' enthusiasm for participation, allow students to participate in the formulation of college student management systems, discover management problems from the perspective of students, and put forward optimization suggestions and measures to improve the quality and quality of college student management. efficient. Therefore, only by letting students participate in the management work can the management work be effectively implemented, so that the management work can be carried out smoothly, the self-discipline awareness and ability of the students can be cultivated, and the effectiveness of the management work of college students can be guaranteed [4].

2.3 Continuously innovate management concepts to adapt to the development of students' diversified thinking

In the context of information development, our country's college student management is facing huge challenges.

The original management concepts and models cannot meet the needs of modern college management. This requires schools to closely focus on the changes in students' thinking in management. Innovate the concepts and models of university student management to ensure the effectiveness of efficient management concepts and models. and on this basis, formulate a management system that keeps pace with the times, and continuously analyze the psychological changes and cognitions of college students, so as to improve and optimize the methods of college student management, enhance the effectiveness of college student management, and provide students with learning and life is guaranteed.

3. CONCLUSION

In summary, in our country's universities, many colleges and universities adopt an open management model and rely on the self-discipline of students for learning activities. This is also the reason for the low efficiency of student management in colleges and universities. In order to ensure the students and living environment of students, colleges and universities need to strengthen the management of students, continuously innovate management concepts, enhance the management awareness and ability of managers, and fully engage students in management work to improve the quality and efficiency of college student management. and according to the development of the times, improve and optimize the management system, in order to adapt to the changes in students' thinking in the development of information, and promote the development of student management in my country's colleges and universities.

REFERENCES

- [1] Huang Houming, Chen Battelle. Research on the Path of Student Management Reform in my country's Colleges and Universities Based on the Development of the Student Body[J]. Research in Higher Education of Engineering, 2014(05): 108-112.
- [2] Huang Houming. Research on the Judgment of the Legitimacy of University Student Management Behavior: Based on the Investigation of Two Rule of Law Models[J]. Higher Education Exploration, 2018(02): 12-16.
- [3] Duan Yize. Thoughts on the integration and development of college student management and ideological and political education[J]. Journal of Jilin Teachers College of Engineering and Technology, 2018, 34(11):7-9.
- [4] Wang Lixin. The value logic and the rule of law approach to the student management procedures in private colleges and universities[J]. Hebei Science of Law, 2020, 38(07): 134-141.

Exploration on the Reform of Ideological and Political Teaching in The Course of International Trade in Colleges and Universities

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Abstract: Under the background of the current era, it is really not easy to ideological and political education in college teaching. No matter what period, the most fundamental task of the school is to "educate people" and "educate people" as the foundation. Under the trend of economic globalization and world integration, the international trade industry is developing rapidly. Since the students under this major have more foundations for foreign ideas, it is even more necessary to strengthen ideological and political education. From the current analysis, there are certain shortcomings in the ideological and political courses of the international trade courses in colleges and universities. It is urgent to strengthen reforms and innovations in order to improve the quality of the ideological and political teaching of the courses and allow more students to establish a new era in the new era. Thought.

Keywords: College International Trade Course; Course Ideological and Political Teaching; Reform; Teaching Design

1. THE NECESSITY OF CURRICULUM IDEOLOGICAL AND POLITICAL TEACHING REFORM IN INTERNATIONAL TRADE COURSES

As early as 2016, Chinese leaders explained in depth the importance and necessity of ideological and political work in colleges and universities. In recent years, most colleges and universities in our country have responded to the call to strengthen ideological and political education for students, and truly make schools recognize teaching. The "fundamental problem" at work. In the new era, the fundamental issue of ideological and political education in our country's colleges and universities is "for whom to train people". Under the background of the new era, the banner of characteristic socialism is held high. The builders of ism should possess noble ideological and moral cultivation and values [1].

International trade courses have a certain degree of particularity. Because they cover the whole world, they may be affected by other ideologies. At the same time, the courses belong to social sciences. When facing social science problems, students need to pass themselves. Therefore, correct values are very important, and there are obvious differences between Chinese and Western values and ideologies. If college students do not have correct values, they are extremely vulnerable to the influence of Western values. Secondly, according to related surveys, many international trade majors will be employed in foreign-funded enterprises during graduation, and need to

deal with personnel from other countries. In this regard, how to make the right choice when encountering issues affecting national interests A difficult problem. All in all, in the teaching of international trade majors and courses, we must pay attention to deepening curriculum ideology, so that college students can have a good ideological and moral concept and the spirit of national interests greater than personal interests.

2. THE ADVANTAGES OF CURRICULUM IDEOLOGICAL AND POLITICAL INTEGRATION IN INTERNATIONAL TRADE COURSES

The application of curriculum ideology and politics in international trade courses has a high positive significance. It is not only different from the simplification of traditional ideological and political education, but also has the advantages of more scientific and rationalization. It is interspersed with curriculum teaching. Help students to accept it more easily. Through the analysis of the advantages of integrating curriculum ideology and politics into international trade courses, it can roughly include the following aspects. First, broaden students' insights on the country. Many students pay too much attention to learning and other interesting content in daily life. Little is known about country-related economic and trade relations, and the integration of ideological and political content in the course will enable students to understand China's foreign trade policies and see the situation from a relatively high angle; second, international trade is not It is set in stone, but can be changed according to the changes in the economic situation of various countries in the world. Therefore, in the course of ideological and political teaching, students should be able to understand the development status of relevant economic and trade fields, and they can analyze relevant economic and trade policies in combination with current current political hotspots., This can also enable students to deepen their understanding of China's foreign trade policy; third, in the teaching of international trade courses, the course ideological and political teaching can not only simply focus on the knowledge of trade, but also Let the students learn about current affairs hotspots in China and other countries and changes in economic and trade policies, and then teachers can play a guiding role in them. For example, the hot issue of "China-US trade war" can be used as a classroom The discussion cases of the students can actively collect relevant information and materials after the class, and answer in the class, so this helps to improve the enthusiasm and initiative of the students in the course knowledge learning; fourth, the course ideological and

political learning It can make students deeply feel the development and changes in China in recent years, so that they can have a higher sense of identity, and also help cultivate students' patriotism.

3. PATH ANALYSIS OF CURRICULUM REFORM FOR INTERNATIONAL TRADE COURSES IN COLLEGES AND UNIVERSITIES

3.1 Student management

The reform of curriculum ideology and politics has a long way to go. First, it needs to optimize and improve from the aspect of student management. In this regard, student management should pay attention to the introduction of various elements of foreign trade companies, such as the concept of foreign trade companies, competition mechanisms, etc., so that student management can be more scientific and rational, and a new management model can be formed. It can allow students to create a more realistic teaching atmosphere in the study of international trade courses, so that students can experience the work situation in international trade positions during their studies. Secondly, students should be able to establish a good personal awareness in student management. For example, they should be strictly guaranteed not to be late, leave early, and not absent from class during daily class. Relevant content must be previewed before each class and reviewed after class. In summary, I have become a qualified foreign trader from the student stage [2].

3.2 Teacher teaching

In the teaching of international trade courses, teachers are important participants and implementers, and their importance is self-evident. In the context of curriculum ideological and political education, teachers play a higher role. Therefore, in the context of current curriculum ideological and political reforms, teachers must be able to take on great responsibilities, adhere to the party's governing philosophy, and thoroughly implement the "Literature and Morality" in the teaching work. "Concept, in-depth play its guiding role. Secondly, in the teaching of international trade courses, teachers must be able to follow the work philosophy of this profession, such as maintaining a good external image, being vigorous and dignified in front of students, and establishing a good image of leading by example for students. and can strengthen the understanding of the economic and trade policies of some countries in daily life, so that it can be applied to the classroom in the teaching process [3].

3.3 Curriculum teaching design

The development of curriculum ideological and political teaching has practical significance and practical value, and its application in international trade courses will help improve the quality of teaching, so that students will

increase their sense of identity with the country in their thinking and awareness. When applying ideological and political courses in international trade courses, we must pay attention to the design of teaching objectives, so that the teaching objectives can be more scientific and rational, and can truly integrate them with ideological and political, which also has a positive effect on creating a good classroom atmosphere. Therefore, we should pay attention to the design of curriculum objectives. For example, in the study of professional knowledge, students should be able to recognize the basic concepts related to international trade, and in terms of quality, they should be guided to establish a relatively large ideal goal, so as to give students Our confidence in learning.

4.CONCLUSION

International trade courses should pay attention to strengthening the introduction of ideological and political courses in the teaching work, so as to focus on improving ideological and political education and help improve the quality of teaching. Under the background of characteristic socialism, the teaching of international trade courses should be able to recognize the importance and necessity of the ideological and political reform of the courses, so that they can increase their ideological awareness, and allow students to increase their learning enthusiasm and initiative. In this article, it deeply analyzes the importance, necessity and related paths of curriculum ideological and political integration into international trade courses in colleges and universities, hoping to provide help to promote the curriculum ideological and political reform of international trade courses.

REFERENCES

- [1] Xu Yuqing, Yan Zhengshu. Research on the construction of Sino-foreign cooperative professional courses based on the "curriculum ideological and political" model-taking material management courses as an example [J]. *Modern Vocational Education*, 2021(49): 156-157.
- [2] Zhang Yuejin, Zhan Aiyun, Li Dongfeng, Chen Xiaojian. Exploration and practice of the "five in one" teaching reform of professional ideology courses from the perspective of curriculum ideology and politics[J]. *Theoretical Research and Practice of Innovation and Entrepreneurship*, 2021, 4(15): 33- 35.
- [3] Zhu Qixiao. Exploration of the integration of curriculum ideology and politics into the teaching reform of secondary vocational international business majors[J]. *Vocational Education (Mid-term Journal)*, 2021, 20(01): 55-57.

Benxi Steel's Influence on The Development of Benxi Area

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Abstract: With the improvement of my country's economic level, enterprises have gradually become an important subject to promote social stability and improve economic development, and enterprise development has an important influence on society and the region. This article takes Benxi Iron and Steel Group as the starting point to discuss the influence of Benxi Iron and Steel Group as the largest state-owned enterprise group in Benxi and even Liaoning Province on the economy, industry, technology, and ecological environment of Benxi.

Keywords: Benxi Iron and Steel Group; Benxi City; Regional Development

1.INTRODUCTION

From the perspective of enterprise development, the speed of enterprise development is closely related to regional policy support and regional human resources, and the development of enterprises will also affect regional development. Enhancing the vitality of the development of an enterprise can lead the region to develop in a positive direction.

2. BENXI AREA AND BENGANG GROUP

Benxi is a prefecture-level city in Liaoning Province. It is a comprehensive industrial city dominated by steel and chemical industries. As an old industrial base in Northeast China, it has rich mineral deposits, including iron, copper, zinc, gypsum, marble, etc. Proved reserves are more than 2.7 billion tons. But in fact, at the beginning of the last century, Benxi was famous in the northeast and even the whole country for the development of iron smelting industry. In modern times, it became famous all over the world with the production of high-quality coal and iron resources. Chacha Benxi Iron and Steel Co., Ltd. (Benxi Iron and Steel Group was formed by the merger of several state-owned enterprises such as Benxi Iron and Steel Co., Ltd. In 2010) was founded in 1905. The people of Benxi often say that "the existing Benxi Iron and Steel is followed by Benxi" is a metaphor for the Benxi Iron and Steel Group. The coal and iron resources produced are even more famous than Benxi City. Because of this, Benxi has become an important cast iron and special steel base in the country under the influence of Benxi Iron and Steel.

3. BENXI IRON AND STEEL HAS MANY INFLUENCES ON THE DEVELOPMENT OF BENXI AREA

3.1 Regional Economy

Benxi Iron & Steel's economic impact on the Benxi area is particularly prominent, all due to Benxi Iron & Steel's own good economic benefits driving the economic

development of other industries in the Benxi area. on the one hand, as a full-process production enterprise of iron and steel metallurgy, Benxi Iron and Steel is involved from mining of mineral resources to product transportation and sales. In addition to the professional smelting and rolling links, the rest of the stages can be completed by other companies, and local companies do their part. Undertake related work, especially mining and smelting work. Although Benxi Iron and Steel owns mines with independent property rights, the cost of beneficiation and smelting is relatively high, and it is difficult to meet Benxi Iron and Steel's production needs, so buying local ore is an economic and affordable method. Other links are basically similar. This trend of leading enterprises to drive the development of other enterprises has promoted the economic development of the entire Benxi area.

On the other hand, most of the employees of the Benxi Iron and Steel Group live in the Benxi area, and their consumption is basically within the Benxi area. The result can be obtained from the gross production value. Based on the data of the past 30 years, the annual gross production value of Benxi Iron and Steel Group It accounts for more than 75% of the annual GDP of Benxi all the year round. Only after the financial crisis in 2008, the steel industry as a whole continued to slump, the annual GDP of Benxi Iron and Steel declined, and the annual GDP of Benxi also decreased. . In recent years, the annual GDP of Benxi Iron and Steel has picked up, and the annual GDP of Benxi has also increased. It can be clearly seen that the development of Benxi Iron and Steel has an inseparable relationship with the economic development of Benxi [1].

3.2 Industrial production

As an old industrial base in Northeast China, it is also the largest state-owned enterprise in Liaoning Province. Its industrial structure has significant characteristics of heavy industry. It revolves around iron and steel metallurgy, and has a deep-rooted production structure in the upstream, midstream, and downstream industrial systems. This is also the case in Benxi. A relatively complete steel industry system has been formed, which can continuously provide reform impetus for the core industrial technology in the midstream, enhance the market competitiveness of downstream industries, and improve the production level of upstream industries. Good steel requires good steel. Smelting is the core of the industrial structure. The upper and lower links of the system also need to continuously meet the core requirements. This makes many enterprises in the steel metallurgical structure chain in Benxi continue to provide support for the development of the steel group.

At present, the quality and variety of smelted products produced in the Benxi area can be further improved to provide support for industrial development, and the industrial level can also be improved accordingly. However, it is also necessary to recognize that under the new normal, the proportion of the primary and secondary industries in the national economic output value is constantly shrinking. Although the economic structure based on heavy industry in Benxi still has good development prospects, it is a relatively solid industry. The pattern is also a problem facing Benxi and even the entire Northeast region.

3.3 Science and Technology

Science and technology are the primary productive forces, and only innovation and development can promote social progress. Benxi area already has a relatively complete structural chain of the steel industry, and further promotion of economic development needs to be supported by science, technology and innovation. According to the actual survey data, from 2011 to 2018, Benxi Iron and Steel won 119 national, provincial and municipal science and technology awards, and 710 invention patents were authorized. During this period, Benxi City won a total of 447 science awards and 4,973 invention patents. The science and technology awards won by Benxi Iron and Steel Group accounted for 27% of the total number of Benxi City, which is a reasonable and normal proportion for the largest state-owned enterprise in Benxi, while invention patents accounted for 14% of the total number of Benxi City, which is compared with science and technology awards. Slightly weak, but judging from the production characteristics of the iron and steel industry, this value will not be a problem, reflecting that Benxi Iron and Steel is an important part of scientific research and development in the Benxi area. If science and technology awards and authorized patents in the iron and steel industry and related industries in the Benxi area account for up to 50%, the iron and steel industry in the entire Benxi area will be directly affected by Benxi Iron and Steel, and its technological level will be indirectly affected. The influence on the development of science and technology innovation in Benxi area is evident.

3.4 Ecological environment

Ecological environment is one of the contents that my country has been paying attention to and strictly controlled in recent years. The products manufactured by the iron and steel industry are prone to cause environmental problems, including air pollution, water pollution, soil pollution, etc., and the energy consumption of iron and steel metallurgy is relatively large. Emissions of a large amount of harmful gas or dust will also consume a lot of water, and these pollution factors will cause the deterioration of the ecological environment. At the end of the last century, my country's rapid economic development and the pursuit of economic growth while ignoring environmental protection were also reflected in the development of Benxi Iron and Steel. The long-term air pollution in Benxi was excessive and smog enveloped the city. To this end, the State Council's Environmental Governance Committee made the "Decision on Governing Benxi Pollution",

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requiring Benxi to do a good job in pollution control and increase investment in environmental governance and environmental protection. The equipment and facilities owned by Benxi Iron and Steel Group with high energy consumption, emission meter reading, and high pollution have become the focus of governance. Benxi Iron and Steel has the courage to assume the responsibilities of a state-owned enterprise. It puts in electric dust removal equipment for old boilers in power plants, treats sewage discharged from smelting plants, and puts into production the first domestic steel company's blast furnace gas storage tank with the highest pressure, completely bid farewell to waste of blast furnace gas emissions Era. With the achievements of Benxi Iron and Steel in environmental governance, the environmental indicators of Benxi area have improved significantly, and in the context of modernization, marketization, and informatization, Benxi Iron and Steel still shoulders the responsibility of environmental governance. Environmental protection investment starts from steel metallurgy. It itself penetrates into multiple links such as mining, processing, and power generation, driving other enterprises in the structural chain of the steel industry to join the engineering projects of pollution reduction and environmental governance [2]. From the "Eleventh Five-Year Plan" to the "Thirteenth Five-Year Plan" Benxi Iron and Steel Group has dismantled or shut down a large number of old equipment with serious pollution and outdated production capacity, increased the emission and transformation of pollutants, and gradually found it in economic growth and environmental protection. A scientific development path and years of environmental management have significantly optimized the ecological quality of the Benxi area.

4.CONCLUSION

To sum up, in the process of development, reform and innovation, the Benxi Iron and Steel Group has played a significant role in promoting the development of the Benxi area. It can be said that all damages and all the prosperity of the Benxi Iron and Steel Group will be prosperous. With the maturity of the industrial structure of Benxi Iron and Steel Gradually affecting the industrial development and technological progress in Benxi, Benxi Iron and Steel has taken on more social responsibilities while pursuing economic growth, and shouldered the ecological and environmental protection of Benxi. Benxi and Benxi are closely intertwined and inseparable.

ACKNOWLEDGEMENTS

Study on The Preparation of Building Ceramics By Waste Granite Powder From Southern Liaoning, Liaoning Provincial Department of Education, NO. L2020LKYJC-04.

REFERENCES

- [1] Zhou Xiaohu. Research on the effect and mechanism of the influence of state-owned enterprises on the upgrading of regional industrial structure [D]. Sichuan Agricultural University, 2019.
- [2] Zhang Yixin. on the impact of corporate social work on promoting the development of regional enterprises[J].

Application Thinking of Flipped Classroom in Applied Writing Teaching

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Abstract: With the gradual emphasis of society on talents' applied writing ability, many colleges and universities have successively set up applied writing courses, which has a positive impact on improving students' professional competitiveness. In recent years, the concept of flipped classroom has been widely used in college teaching, which has effectively improved the quality of teaching and promoted the realization of teaching goals. This article mainly discusses the advantages and application approaches of flipped classroom in applied writing teaching.

Keywords: Flipped Classroom; Applied Writing; Teaching

1. INTRODUCTION

Flipped classroom is a brand-new teaching concept. By using modern information technology to reconstruct the teaching process and promote students' active learning, it is a complete subversion of the traditional teaching mode [1]. In recent years, flipped classrooms have also been widely used in various teaching fields, integrating them into applied writing teaching, further enriching educational methods and forms, and providing a broader space for teaching reforms. The implementation of flipped classrooms in applied writing teaching can guide students to use the Internet and other teaching resources for independent learning outside the classroom, share learning results with teachers and classmates in the classroom, discover learning problems in time and solve them immediately, and gradually improve Applied writing level to achieve the goal of applied writing teaching.

2. ADVANTAGES OF FLIPPED CLASSROOM IN APPLIED WRITING TEACHING

First of all, in the past teaching process of applied writing, teachers usually found out the shortcomings of students after class, and commented on the problems in the article. The professor could not fully convey the opinions to the students, and the students could not fully understand the teacher's suggestions. Lack of effective communication between. Flipped classroom focuses on students' autonomous learning. Teachers can devote more energy to solving student problems, provide timely guidance for students' writing, and promote the interaction between teachers and students. Secondly, due to differences in the knowledge base of each student, their learning acceptance ability and writing ability are different, the traditional teaching model is difficult to meet the individual needs of students. The flipped classroom allows students to study independently before class, which helps students with weak learning ability to repeatedly preview and digest knowledge to ensure that they keep up with the overall

learning progress. Teachers also have more time to pay attention to poor students and promote the overall learning level of the class. Finally, under the traditional teaching model, students often need to take up more free time to complete homework or consolidate knowledge. The flipped classroom teaching model allows students to learn knowledge and practice before class, allocate learning time autonomously, and solve existing problems through the classroom, allowing students to learn knowledge anytime and anywhere, and provide students with more sufficient spare time.

3. THE APPLICATION OF FLIPPED CLASSROOM IN APPLIED WRITING TEACHING

3.1 Pre-class learning links

One of the main characteristics of the flipped classroom is to learn independently and then guide the teaching. Therefore, pre-class learning is one of the most important links. With the help and guidance of teachers, students can obtain relevant knowledge independently and make use of the pre-class learning links. It is the key way to enhance the knowledge reserve of students [2]. Therefore, teachers should prepare relevant learning resources for students in advance, including video materials, audio files, and courseware. The video learning materials should be as short and concise as possible, and the time should be controlled below 15 minutes to help students always maintain the best attention and ensure the effect of independent learning. Let students adjust the speed and frequency of observation videos based on their own basic situation and learning ability, watch important and difficult knowledge repeatedly, and communicate with teachers and classmates through online channels. At the same time, the content of the video learning materials is further refined. Each video only explains one knowledge point, which reflects its pertinence and is also convenient for students to find relevant knowledge content. In addition, for some students whose independent learning ability is not strong, a pre-class learning inspection link can be set up to ensure a good pre-class learning effect. The teacher combines the video learning materials and the actual situation of the students to set up relevant targeted practice content for the students, involving the concepts, characteristics, categories, writing methods and other theoretical knowledge of applied writing, errors that have occurred in the writing process, and key points of applied writing. The use of modern network technology to supervise and manage the completion of students is convenient for teaching to grasp the learning status and problems of students in real time, continuously adjust the classroom teaching plan, set up corresponding problem situations, and help students solve problems in a targeted

manner.

3.2 Classroom teaching links

Classroom teaching belongs to the process of knowledge internalization in the flipped classroom, and is also the core link in the flipped classroom. Using this process, teachers can deepen students' understanding and perception of knowledge and use the knowledge learned flexibly [3]. In the classroom teaching link, the teacher first needs to summarize the problems. The teacher collects the problems that students have in the video learning materials and pre-class exercises, integrates and refines the valuable common problems, and assigns them to each study group for concentration Discussion to help students gradually build a complete knowledge system and consolidate the knowledge base. Secondly, teachers need to pay attention to the cultivation of students' ability to learn independently and analyze and solve problems independently. When designing teaching content in a flipped classroom, teachers need to well reflect the students' dominant position, fully stimulate students' interest in learning, and actively adopt a variety of teaching methods to create learning situations that meet their needs and set relevant learning for students. The goal is to guide students to take the initiative to learn, to continuously improve their ability to independently explore problems, and to improve their self-confidence in learning, so that students can master the skills and methods of applied writing. Finally, flipped classroom teaching needs to highlight the importance of cooperative learning. It is a principle that teachers must always adhere to. It has a positive effect on promoting students' deep understanding of theoretical knowledge and mastering writing skills. Divide class students into multiple study groups, organize students to focus on the problems found in the pre-class study, summarize the results of the group discussion, and finally give a unified explanation and guidance by the teacher.

3.3 After-school learning achievement evaluation link

In the traditional applied writing teaching process, the final scores of students are usually used as the basis for evaluation, and the evaluation of the results is emphasized. Compared with the traditional teaching model, the flipped classroom has obvious differences in the evaluation of learning outcomes. It evaluates students' learning

outcomes from multiple dimensions, involving process, outcome, personal and other evaluations. At the same time, the flipped classroom further enriches the evaluation content, including summarizing and refining problems, pre-class learning conditions, group cooperative learning performance, formulation and implementation of individual learning plans, learning schedules, and the ability to understand and apply knowledge. Through systematic evaluation of students' learning achievements, it is helpful for teachers to summarize and reflect on the teaching process, facilitate the detection of omissions in teaching, and maximize the effect of flipped classroom teaching.

4. CONCLUSION

In summary, the flipped classroom greatly compensates for the shortcomings of the traditional teaching model, and is compatible with modern education reform concepts. Apply it in applied writing teaching to promote students' autonomous learning, transform the classroom into a place for teacher-student interaction, improve students' practical ability, and apply knowledge to the application. However, its practice in applied writing teaching is still in the preliminary stage of exploration, and there are still certain shortcomings that need to be solved. It is necessary to continuously summarize and think according to the actual teaching, so that flipped classrooms can be better integrated into applied writing teaching and promote the continuous improvement of students' applied writing skills. To achieve the ideal teaching purpose.

REFERENCES

- [1] Zhengbing yan. Some thoughts based on the application of flipped classroom in the teaching of applied writing in higher vocational education[J]. Teaching Method Innovation and Practice, 2020, 3(9):7.
- [2] Guan Xuemei. Application of Flipped Classroom in Applied Writing Teaching in Higher Vocational Education[J]. Journal of Lanzhou Petrochemical Vocational and Technical College, 2019, 19(2): 4.
- [3] Yu Xiaohui. Exploration of the teaching reform of "flipped classroom" in practical writing in artistic higher vocational colleges[J]. Guangdong Education: Vocational Education, 2019(12): 2.

Research Progress on Prevention of Delirium Patients in Intensive Care Units

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Abstract: This study reviews the measures to prevent delirium in the ICU (Intensive Care Units). It is believed that selecting appropriate delirium risk assessments and strengthening the training of delirium knowledge of medical staff and improving the compliance of medical staff in clinical practice can effectively prevent the incidence of delirium in ICU.

Keywords: Delirium, Prevention, Risk Assessment

1. INTRODUCTION

Delirium is the American Psychiatric Association DMS-IV (Diagnostic and Statistical Manual) of Mental Disorders, Fourth Edition), is defined as a neuropsychiatric symptom in which concentration and consciousness decline, cognitive function change, or cognitive impairment occurs for a short period of time and may occur several times a day [1]. The delirium experience rate of patients in intensive care units abroad is reported to be about 22.4 to 87.0% [2-4].

Therefore, the research on the evaluation of delirium in China started relatively late and has not yet received sufficient attention. This study reviews the research progress on the prevention of delirium in ICU, hoping to provide reference for related clinical research.

2. RISK ASSESSMENT TOOLS FOR DELIRIUM

In order to prevent delirium in advance, it is best to use a tool that can screen for delirium. Assessment of delirium in critically ill patients in the ICU clinical, ICU most simple and effective monitoring tool for the CAM-ICU [5] and intensive care delirium screening test Table (ICDSC) [6], joint assessment is helpful to improve the sensitivity of the diagnosis of delirium in patients.

3. PREVENTIVE MEASURES FOR DELIRIUM IN ICU

3.1 Pain assessment to prevent and manage pain

As one of the most common signs of ICU patients, it has been listed as the fifth vital sign internationally. In clinical work, standardized pain management should be implemented, pain assessment should be carried out reasonably, and the concepts of advanced analgesia, combined analgesia, and safe analgesia should be applied, and individualized and advanced nursing interventions should be implemented for patients to reduce the occurrence of pain.

3.2 Improve the environment

Because the ICU belongs to a special enclosed ward environment, patients are prone to adverse psychological reactions such as tension, fear, and anxiety, which indirectly leads to the occurrence of delirium. Studies have found that by reducing ICU light stimulation, the use

of weak-brightness wall lamps can reduce the incidence of delirium in patients, while consciously reducing noise and reducing the alarm volume of the instrument can significantly reduce the incidence of delirium in patients.

3.3 Improve sleep quality

It is common for patients to suffer from sleep deprivation due to ICU medical care operations, various environmental factors, pain, and anxiety. In order to reduce noise; focus on treatment and nursing operations; ensure sufficient light during the day, turn off the headlights at night as much as possible, choose soft-lit wall lamps, and maintain a normal circadian rhythm; deal with patients' pain and other physical discomfort; provide eye masks and earplugs are effective.

4. SUMMARY

Delirium leads to an increase in the patient's hospital mortality, increased hospital length of stay, and reduces the patient's prognosis and quality of life. In future clinical work, in order to more quickly and accurately identify patients with delirium and take better measures to improve the state of consciousness of patients with delirium, appropriate delirium assessment tools can be selected, standard procedures can be developed, and corresponding nursing interventions can be implemented according to the level of delirium risk. Strengthen the training of medical staff on delirium knowledge, improve the cognition of medical staff and the compliance of preventive practice.

REFERENCES

- [1] Milisen, K., Foreman, M. D., Abraham, I. L. et al. (2001). A nurse-led interdisciplinary intervention program for delirium in elderly hip-fracture patients. *Journal of American Geriatrics Society*, 49(5), 523-532.
- [2] Ely EW, Shintani A, Truman B, et al. Delirium as a predictor of mortality in mechanically ventilated patients in the intensive care unit. *JAMA*. 2004;291(14):1753-1762.
- [3] Van Eijk MM, van den Boogaard M, van Marum RJ, et al. Routine use of the confusion assessment method for the intensive care unit: A multicenter study. *American Journal of Respiratory and Critical Care Medicine*. 2011;184(3):340-344.
- [4] Lee HS, Kim SS. Development of a delirium occurrence screening model for patients in medical intensive care units. *Journal of Korean Clinical Nursing Research*. 2013;19(3):357-368. <https://doi.org/10.22650/JKCNR.2013.19.3.357>
- [5] Ely EW, Inouye SK, Bernard GR, et al. (2001a).

Delirium in mechanically ventilated patients: validity and reliability of the confusion assessment method for the intensive care unit (CAM-ICU). *Journal of the American Medical Association*; 2001a;286: 2703–2710.

[6] George, C.et al., Validation of the Intensive Care

Delirium Screening Checklist in nonintubated intensive care unit patients in a resource-poor medical intensive care setting in South India. *Journal of Critical Care*, 2011. 26(2): p. 138-43.

Countermeasures of Online Clinical Nursing Practice During the Epidemic

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Abstract: This study explores the online clinical nursing comprehensive internship during the epidemic. The outbreak of the new crown pneumonia epidemic will bring new challenges to the practical teaching of interns in 2020. In order to minimize the negative impact of the epidemic, our hospital broke through the traditional educational practice method and conducted an 8-week online clinical nursing comprehensive practice. The instructors and head nurses of the affiliated hospital of the college have made use of high-quality Internet resources and Dingding platform, which have been carried out smoothly and achieved good training results. Through this online teaching, students indicate that the online training is rich in content and can be familiar with each department. The main nursing content of the school can better understand the role of nurses. With the help of the rich clinical practical cases of clinical teachers, the learning can be in-depth and the learning effect will be better. Students also look forward to entering the clinical practice base as soon as possible.

Keywords: Intern Nursing Students; Online Internship; COVID-19

1.OVERVIEW OF COMPREHENSIVE CLINICAL NURSING PRACTICE

Comprehensive clinical nursing practice is an important practice teaching link for pre-graduates[1], and an indispensable process of combining theory and practice of nursing intern; the purpose is to enable students to comprehensively apply multi-disciplinary theoretical knowledge and connect with clinical practice through comprehensive clinical nursing practice, To cultivate students' noble professional ethics and good professional qualities; to cultivate students' independent thinking, analytical judgment and problem-solving abilities. Proficiency in basic nursing technical operations and common nursing operations in various departments in business, and can apply nursing procedures to holistic nursing; preliminary grasp of common diseases, frequently-occurring disease diagnosis and treatment, and new technologies and new technologies in emergency medicine Equipment; understand the nursing organization system and its management methods, cultivate students' organization, management ability, nursing research ability and teaching ability, so as to clarify their learning direction in a targeted manner, so as to adapt themselves to the needs of society.

The internship method is divided into centralized internship; according to the provisions of the teaching plan, students will practice in the internship base designated by the college on the premise of completing the school's on-

campus curriculum. The principle of conducive to the employment of students, try to meet the internship selection requirements of the internship base. The arrangement of the student internship base shall be arranged in order according to the requirements of the base, employment intention, academic performance and application status. When the internship period expires, the Office of Academic Affairs and Scientific Research organizes relevant personnel to do a good job withdrawing internships to ensure that the work of the internship base is not affected by the in and out of interns.

The graduation internship course of our college requires the completion of 40 weeks of clinical internship tasks within the specified internship time. Internship tasks include 1 week for admission and exit education; 12 weeks for internal medicine nursing; 12 weeks for surgical nursing; 6 weeks for obstetrics and gynecology nursing; and pediatric nursing 6 weeks; 3 weeks in the operating room. The clinical nursing comprehensive internship score is evaluated as the average score of each subject's internship score, which is the student's clinical nursing comprehensive internship score. The individual internship scores are composed of usual scores (50%), scientific and technological ability assessment (25%) and theoretical assessment (25%). Among them, the usual results include internship attitude and organizational discipline performance (accounting for 20% of individual subjects), theoretical study (accounting for 30% of individual subjects).

2.COUNTERMEASURES FOR COMPREHENSIVE CLINICAL NURSING PRACTICE DURING THE EPIDEMIC

In accordance with the spirit of the relevant documents of the Ministry of Education and the Department of Education of Jilin Province on "Suspension of Classes and Non-stop Schools" during the epidemic period[2], and the relevant requirements of the "Teaching Work Arrangements for the Postponement of the Start of Semester, Yanbian University, " for related work, as requested by the "Internship Training Management Work Leading Group of the School of Nursing, Yanbian University", in order to ensure the normal conduct of the "Clinical Nursing Comprehensive Internship" for 2021 graduates during the epidemic, the college, in accordance with the requirements of the practical teaching management department of Yanbian University, for the "Clinical Nursing Comprehensive Internship" of the "2017 Nursing Science" and "2018 Nursing" majors, temporary online internships will be carried out. After the epidemic situation stabilizes, each clinical internship hospital can accept offline graduation internships, and

graduates go to their respective clinical internship hospitals to continue the "comprehensive clinical nursing internship".

Because of the changes in the epidemic situation, in order to do a good job in the prevention of new coronavirus infectious pneumonia, strengthen the prevention and control of the epidemic, ensure the health and safety of students, and reduce other accidents, the college researched and decided:

2.1. All undergraduate interns are on standby, and those who have returned home will be postponed to return to the internship bases. According to the instructions of "The Office of the Leading Group for Epidemic Prevention and Control of Yanbian University", it will be determined according to the development of the epidemic and the school's later arrangements.

2.2. Strengthen protection work for students who are currently on duty in the hospital. Except in emergencies, internships and rotations are generally not arranged in departments such as emergency department, fever clinic, respiratory department, ICU, etc. If resource constraints cannot keep up with the protective facilities of the hospital, students can be on standby in their homes.

2.3. All students carefully study the knowledge of epidemic prevention and control, and do their own safety protection.

2.4. At home and on-duty students, if they have clinical manifestations related to the epidemic, they should also

report the situation to the intern teacher in the College's Academic Affairs and Scientific Research Office.

3.COMPREHENSIVE CLINICAL NURSING PRACTICE DURING THE EPIDEMIC

During the online internship, the college entrusted the Nursing Department of the Affiliated Hospital of Yanbian University, and the head nurses of each department's nursing unit to conduct online clinical nursing comprehensive internships for the "2017 Nursing" and "2018 Nursing" majors. The online platform is a nail. Ding live broadcast platform. The specific implementation time is from July 27, 2020 to September 18, 2020. The class hours are from Monday to Friday, from 14:00 to 16:30 every day. Online training was conducted by 25 head nurses to 258 intern nursing students carry out online comprehensive clinical nursing practice.

The online training content includes 1 week of pre-job training, 2 weeks of internal medicine nursing, 2 weeks of surgical nursing, 1 week of obstetrics and gynecology nursing, 1 week of pediatric nursing, and 1 week of operating room nursing (Table 1). The content of pre-job training includes nursing overview, interpretation of nurse regulations, nursing work system responsibilities, nursing safety education, nurse quality and service concept, occupational safety protection, etc.; internal medicine, surgery, obstetrics and gynecology, pediatrics, operating room nursing online training The links are admission education, specialist nursing, teaching rounds, homework assignments and homework explanations..

Table 1. Online Clinical Nursing Comprehensive Internship Contents

Category	Date	Contents
Pre-job training	1 day	Nursing Overview, Interpretation of Nurses Regulations, Nursing Work System Responsibilities
	2 day	Nursing Overview Nursing Safety Education
	3 day	The quality and service concept of nurses
	4 day	Occupational safety protection for nurses
	5 day	Routine nursing operations: cardiopulmonary resuscitation (hands), vital signs monitoring, various injection methods (skin test, hip intramuscular injection), venous blood specimen collection, oxygen inhalation, intravenous infusion (indwelling needle), aseptic technique operation
Internal medicine nursing	6, 7, 8 day	Cardiology
	8, 9, 10 day	Respiratory Medicine
	10, 11, 12 day	Gastroenterology
	12, 13, 14 day	Neurology
	15 day	Leave homework, homework explanation
Surgery nursing	16, 17, 18 day	General Surgery
	19, 20, 21 day	neurosurgery
	22, 23, 24 day	Bone and Joint Surgery
	25 day	Leave homework, homework explanation
obstetrics and gynecology nursing	26, 27, 28 day	Gynecology
	29, 30, 31 day	obstetrics
	32day	Leave homework, homework explanation
pediatric nursing	33, 34 day	Pediatrics
	35, 36 day	PICU
	37 day	Leave homework, homework explanation
operating room nursing	38, 39 day	Operating room
	40day	Leave homework, homework explanation

4.CONCLUSION

The sudden new crown epidemic has had a great impact on social production and life, and it has also brought great challenges to school teaching. In order to effectively ensure the smooth development of internship practical teaching activities and avoid personal and property safety damage to students during their out-of-home practical teaching activities, in view of the actual situation in the current epidemic prevention and control situation in the internship practical teaching work, strengthen the safety education of students[3].

Due to the characteristics of the clinical practice courses in the hospital, the graduation internship can no longer be carried out offline. However, our hospital has formed a graduation internship program suitable for the development of this epidemic period, and effectively achieves "non-stop teaching" and "non-stop learning". Provide guarantee for students to successfully complete graduation internship, and further provide students with intern nursing protection training before going to the clinic, and intern nursing students can have a preliminary understanding of the work process and basic nursing knowledge content of each nursing unit.

In summary, the online clinical nursing comprehensive internship in this hospital has been carried out smoothly and achieved good training results. Through this online

teaching, students indicate that the online training is rich in content and can be familiar with the main nursing content of each department. Understand the role of nurses, with the help of the rich clinical practical cases of clinical teachers, the learning can be in-depth and the learning effect will be better. Students also look forward to entering the clinical practice base as soon as possible.

REFERENCES

- [1] Kan Dan, Jing Zhihong, Sun Wei, Yang He, Liu Xiaoxi, et al. Exploration and practice of online practice for undergraduates of medical colleges and universities during the epidemic [J]. China Higher Medical Education. 2020, (04):40-41.
- [2] Group of the Ministry of Education of the Communist Party of China, The office of the leading group of the ministry of education in response to the Novel Coronavirus Pneumonia Epidemic [D]. 2020, cited 2020 Feb 12, URL: http://www.moe.gov.cn/srcsite/A16/s3342/202002/t20200214_421005.html
- [3] Zhao Jingfang, Song Yuping, Cui Xin, Hou Xiaohong, Liu Jing & Gao Yuping. The management of clinical teaching of intern nurses during the novel coronavirus epidemic[J]. Chinese Journal of Nursing.2020, (S1), 721-723.

Test and Analysis of Indoor Thermal Environment of Residential Buildings in Jiaozuo City in Winter

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Abstract: To understand jiaozuo heating residential building indoor thermal environment, end of jiaozuo central heating and household heat metering heating are radiator residential indoor thermal environment of the field test, results showed that the central heating and heat metering is fixed at room temperature is better than that of heat metering mode apartments residential work mode, but the relative humidity of each room compared with residential heat metering mode is low, At the same time, the heating method of household heat metering helps to improve residents' enthusiasm for regulation.

Keywords: Central Heating; Household Heat Metering; Indoor Thermal Environment;

1.INTRODUCTION

People spend 80-90% of their time indoors. Indoor environmental quality will significantly affect people's health, comfort and productivity. High-quality indoor environment aggravates high energy consumption and high emissions of buildings. Therefore, it is necessary to understand the indoor thermal environment of actual buildings. In the indoor environment, indoor air temperature and relative humidity are important parameters to guarantee the thermal comfort of the body. Therefore, this study carried out a field test on the thermal environment of residential buildings in Jiaozuo city in winter to understand the thermal environment characteristics of residential rooms under different heating methods [1-3].

2. RESEARCH METHODS

2.1 Test Site

Jiaozuo is located in the northwest of Henan Province, with taihang Mountain in the north and Yellow River in the south. It has a temperate monsoon climate and belongs to the cold climate zone of China [1] Ministry of Housing and Urban-Rural Development, PRC. Gb50176-2016 Code for Thermal Design of Civil Buildings [S]. Beijing: China Architecture and Building Press, 2016: 12-17.]. In winter, jiaozuo city is dominated by central heating, with the coverage rate reaching 90%, and nearly 70% of users in this area implement heat metering heating [2] Jiaozuo Daily. Paying attention to people's Livelihood and Solving heating problems.

2.2 Test Objects

The central heating and household heat metering houses in Jiaozuo city were selected as the test objects. The heating ends were radiators, and the radiators of the central heating houses were always in operation. However, users of heat metering residential buildings can heat as required, and the heat use mode is more diversified. Existing studies have divided the heat use mode of heat metering residential buildings into fixed mode, working mode, random mode and composite mode [3] Chen Cailing. Research on the "heat use mode" of heat metering buildings [D].]. Therefore, considering the actual heat consumption of thermal metering users, residential buildings with fixed thermal mode and working mode are selected for thermal environment field test.

2.3 Test methods and instruments

2.3.1 Test method

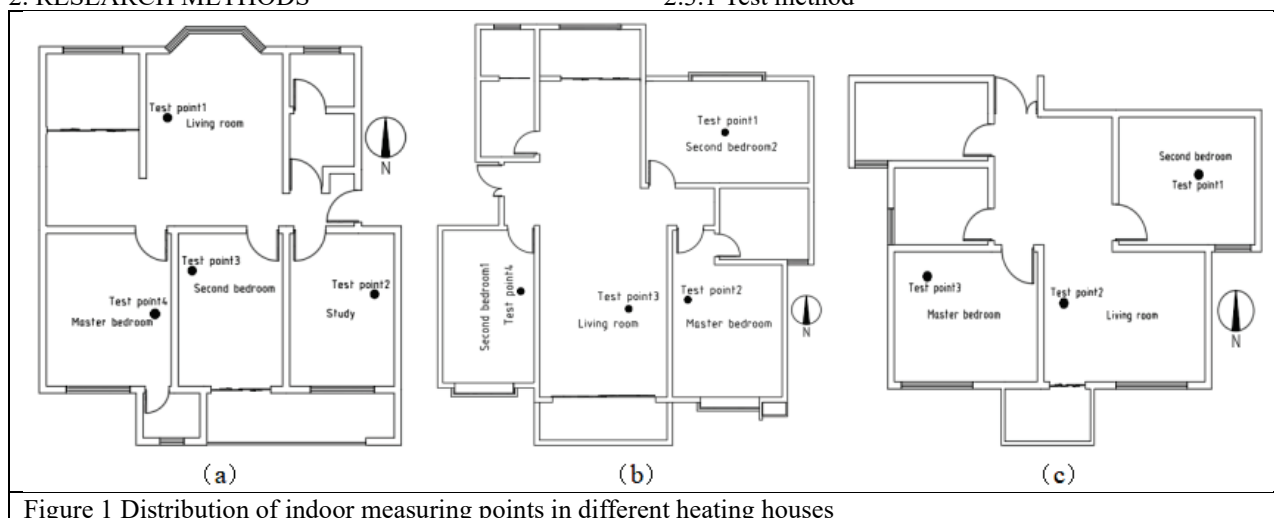


Figure 1 Distribution of indoor measuring points in different heating houses

In this study, detailed tests were carried out for two consecutive days from January 13 to 14, 2021 for the

central heating residence and the fixed thermal residence for thermal metering, and for the thermal mode residence for thermal metering work from January 15 to 16, 2021. The measuring points were mainly distributed in the living room and the main (secondary) bedroom, about 1.1m above the ground. All measuring points should keep a certain distance from the exterior wall to avoid direct sunlight. The measuring points of each room are shown in Figure 1. Figure (a) is the distribution of measuring points of central heating house, Figure (b) is the distribution of measuring points of fixed mode of thermal metering house, and Figure (c) is the distribution of measuring points of working mode of thermal metering house.

2.3.2 Test parameters and instruments

1) Testo 175 H1 Temperature and humidity recorder to test outdoor air temperature and relative humidity. Test accuracy: $\pm 0.4^{\circ}\text{C}$, $\pm 2\%$; Test interval 5 minutes;

2) TR-72U Temperature and humidity recorder to test indoor air temperature and relative humidity. Test accuracy: $\pm 0.3^{\circ}\text{C}$, $\pm 5\%$; Test interval 5 minutes;

3 RESULT ANALYSIS

3.1 Analysis of indoor and outdoor air temperature in central heating houses

The variation of indoor and outdoor air temperature of the central heating house is shown in Figure 2. During the test, the maximum outdoor temperature is 25.1°C , the minimum is 4.6°C , and the average is 10.8°C . As can be seen from the figure, the room temperature variation trend of the master bedroom and the study is relatively consistent. The room temperature is greatly affected by solar radiation at noon, and the room temperature variation of the secondary bedroom is affected by the user's window-opening behavior. During the test, the change of room temperature in the north living room was always smaller than that in the south facing room, and the effect of outdoor temperature was relatively weak. The calculated average temperature of the primary and secondary bedrooms is 22.4°C and 22.3°C respectively, the average temperature of the study and the living room is 22.9°C and 21.3°C , the average air temperature difference of each room in the south direction is less than 1°C , and the air temperature of all rooms in the room during the test is 18°C higher than the heating design temperature.

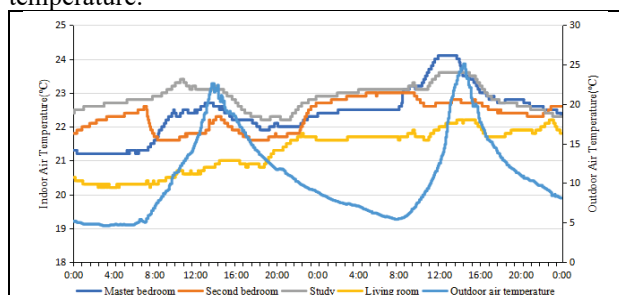


FIG. 2 Indoor and outdoor air temperature of each room in the central heating house

3.2 Thermal measurement Analysis of indoor and outdoor air temperature in residential buildings

3.2.1 Fixed thermal mode housing

The change of indoor and outdoor air temperature in the fixed thermal mode is shown in Figure 3. During the test, the living room of the resident is not heated, and both the master bedroom and the secondary bedroom 1 are heated, while the secondary bedroom 2 is kept running at low temperature. It can be seen from the figure that the user increased the heating valve in bedroom 2 at about 21:40 on 13th, making the room temperature rise rapidly close to other heating rooms, and turned down the heating valve at about 4:00, making the room temperature drop, reflecting the random heat demand regulation behavior of residents under the thermal environment control condition. The room temperature of the south facing master bedroom and the second bedroom 1 is relatively consistent, with the average air temperature difference between $\pm 0.4^{\circ}\text{C}$. At noon, it is greatly affected by outdoor solar radiation, and the room temperature increases significantly. The temperature of the master bedroom is also affected by the user's opening of Windows in the morning and afternoon, which makes the room temperature drop. The living room is affected by indoor heat transfer and solar radiation, and the room temperature is not lower than 18°C , and users will close the curtain to shade the sun at noon. In the absence of random thermal regulation, the room temperature in the north secondary bedroom 2 was the lowest and was less affected by outdoor temperature. The average temperature of master bedroom and secondary bedroom 1 is 23°C and 22.9°C , and the average temperature of living room and secondary bedroom 2 is 22.1°C and 21.6°C .

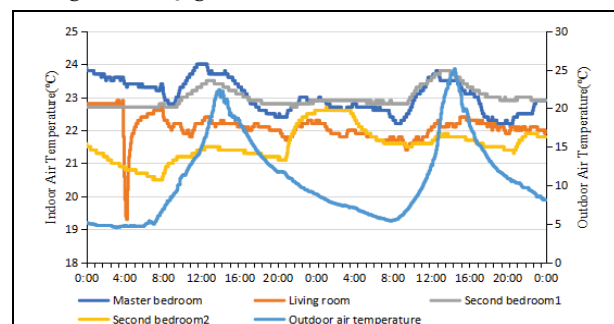


Figure 3. Indoor and outdoor air temperature of each room in fixed mode of residential heat metering

3.2.2 Working thermal model housing

The change of indoor and outdoor air temperature in the working heat mode is shown in Figure 4. The research house is an intermediate household with three households in one floor. Before the test, the household shall negotiate with the household to conduct living room heating from 18:00-22:00 on 15th to 16th, and keep the secondary bedroom heating from 18:00-8:00. At the same time, users are required to keep the door open when heating the secondary bedroom at night to avoid high temperature. After calculation, the average temperature of the master bedroom and the second bedroom is 19.1°C and 20.1°C , and the average temperature of the living room is 18.9°C . It can be seen from the figure that the user did not warm the living room in the evening of 15th, but the room temperature in the second bedroom was significantly

higher than that in other rooms after heating. The testing instrument in the second bedroom fell to the ground around 9:00, which lowered the room temperature and the heating time lasted from 17:45 on 15th to 0:00 on 17th. Each room is affected by the window ventilation of residents at noon, and the room temperature is reduced. The living room was heated from 9:00 to 12:30 on the 16th probably because the room temperature was low, and then it was heated from 20:00-22:00. The above situation shows that heat metering heating can fully meet the personalized heat needs of users and improve their enthusiasm for regulation.

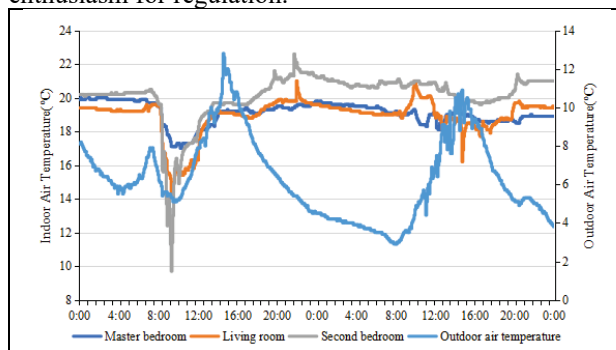


Figure 4. Indoor and outdoor air temperature of each room in the working mode of the house

3.3 Indoor and outdoor relative humidity analysis of different heating methods

The relative humidity of each room under different heating methods is shown in Table 1. It can be seen from the table that the indoor relative humidity of each room in the fixed mode of central heating and heat metering is greatly affected by room temperature. The average relative humidity of most rooms is less than 30%, and the indoor relative humidity is significantly lower than 30%-60% in the code. For the residence with thermal metering mode, the average relative humidity of the master bedroom is higher than that of the living room and the second bedroom. The average relative humidity of the second bedroom is the smallest due to the longer heating time, and the indoor relative humidity of the second bedroom changes the most due to the influence of mopping the floor and opening the window ventilation.

Table 1 Indoor relative humidity of each room in the house

	District heating residential(%)				Heat metering residential fixed mode(%)				Heat metering residential working mode(%)		
	Master bedroom	Second bedroom	Study	Living room	Master bedroom	Living room	Second bedroom1	Second bedroom2	Master bedroom	Living room	Second bedroom
Max	31.7	35.6	35.3	34.2	40.8	33.1	29.4	33.9	57.2	54.5	45.6
Min	16.1	21.2	18.6	17.9	25.8	17.4	24.9	23.5	25.7	23.6	24
Mean	25.4	28	25.3	27.6	31.8	26.3	27.4	27.6	40.2	37.3	35.2
Std	3.9	3.6	3.2	4.1	2.8	2.9	1.1	2.2	7.6	6.7	6.5

4 CONCLUSION

Through the test, it is found that the average temperature of each room in the central heating and heat metering fixed mode house is more than 20°C, and the room temperature is better than that of the heat metering working mode house, but the relative humidity of each room is lower than that of the heat metering working mode house. The indoor air temperature of all rooms under different heating methods is 18°C higher than the heating design temperature. At the same time, the heat metering heating method helps to promote users to use heating according to their needs, and realize the control strategy of "part space, part time".

REFERENCE

- [1] Ministry of Housing and Urban-Rural Development, PRC. Gb50176-2016 Code for Thermal Design of Civil Buildings [S]. Beijing: China Architecture and Building Press, 2016:12-17.
- [2] Jiaozuo Daily. Focus on the People's Livelihood and Solve the heating problem, The Standing Committee of the Municipal People's Congress special question and answer of urban central heating, 2019.
- [3] Chen Cailing. Research on "Using Heat Mode" of Heat Metering Building [D]. Hebei: Hebei University of Technology, 2013.

Realize The Green Development of Facility Vegetable Industry Through Engineering Technology Innovation

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Abstract: With the advancement of science and technology, my country's economy has been developing rapidly, and the technology update of my country's agricultural production has been continuously promoted. The vegetable industry in my country's agriculture has realized off-season planting, allowing people to eat fresh vegetables all year round, making the production of the vegetable industry more productive, safe and ecological. As an efficient vegetable planting technology, facility vegetables play an active role in my country's vegetable supply and effectively protect the vegetable basket of our people. In the decades of development of facility vegetables, there are still many problems that have affected the development of my country's facility vegetable industry. This problem has not been effectively solved in actual work. With the development of facility vegetable industry, The resource and environmental problems of facility vegetables have become more prominent and cannot effectively improve the quality and efficiency of my country's vegetable production. Therefore, the agricultural sector is also aware of this problem of facility vegetables, constantly innovating facility vegetable production technology, and optimizing facility vegetable facilities., in order to improve the production quality and efficiency of facility vegetables. The article introduces the development of my country's facility vegetable industry in detail, analyzes the resource and environmental problems of facility vegetable industry production, and expounds the effective measures of engineering technology innovation in realizing the green development of facility vegetable industry.

Keywords: Engineering Technology; Innovation; Facility Vegetables; Green

1. OVERVIEW OF THE DEVELOPMENT OF MY COUNTRY'S FACILITY VEGETABLE INDUSTRY

my country is a large agricultural country and has more production experience and technology in agricultural production. As early as the 1980s, my country invented and used greenhouse technology. This technology has been widely used in vegetable production and has realized the off-season of vegetables. Planting, and now, this technology has been promoted throughout the country, which has promoted the development of my country's vegetable industry. With the advancement of science and technology, my country's facility vegetable industry has developed. This technology is mainly to create a variety of environments for vegetable production, improve the

quality and efficiency of material production, and effectively ensure my country's demand for vegetables, while also continuously deriving More vegetable processing enterprises have improved the process production of my country's facility vegetable industry [1]. In the development of the vegetable industry, in the past, the production of vegetables was based on household planting. This production method is difficult to control the dosage of chemical fertilizers and pesticides, and it is easy to pollute the soil environment, making the quality of vegetables not guaranteed. This family-style planting model cannot achieve the large-scale and standardization of vegetables, which seriously hinders the healthy and stable development of the vegetable industry. There are three problems with this family-style vegetable cultivation. One is that the solar greenhouse technology cannot effectively improve the level of environmental control in practical applications, and does not have the basis for environmental control, but has a simple thermal insulation effect. Second, the solar greenhouse technology is mainly based on soil planting and uses flood irrigation. This simple planting technology does not require high equipment and does not have advanced technology. It only controls the temperature of the solar greenhouse and other operations. There is no essential difference with open-air planting, and the production cost of farmers is reduced accordingly. Third, in the context of family planting, many farmers blindly use chemical fertilizers and pesticides in order to increase the yield of vegetable planting, which pollutes the groundwater in the planting area, affects the fertility of the soil, and increases the cost of vegetable planting[2].

2. RESOURCE AND ENVIRONMENTAL ISSUES IN THE PRODUCTION OF FACILITY VEGETABLE INDUSTRY

2.1 Resource problems in the production of the facility vegetable industry

In our country, because of the technical problems of agricultural production, the production process of facility vegetables will waste more resources. This is also an important problem facing my country's agricultural development. This waste of resources is manifested in four aspects. One is that there is no reasonable planning in the production of facility vegetables, and it is often carried out by relying on the experience and ideas of farmers, which makes the use of land resources in the production of facility vegetables more efficient. Low, the structure of the solar greenhouse is unreasonable, which seriously

affects the sunlight for vegetable planting, resulting in a small indoor usable area. Second, the excessive use of fertilizers in solar greenhouses makes a large amount of fertilizer resources not effectively used, which increases the cost of farmers in planting vegetables in facilities. The third is that the irrigation method of facility vegetables is backward, and the traditional flood irrigation method is still used, which seriously wastes groundwater resources. Fourth, the fertility of the planting soil for facility vegetables is not optimistic. This is mainly due to the excessive use of fertilizers and pesticides in the process of vegetable planting, which damages the nutrients in the soil, changes the original organic compounds in the soil, and makes the soil Problems such as compaction have seriously affected the development of my country's agricultural facility vegetable industry.

2.2 Environmental Issues in the Production of Facility Vegetable Industry

Facility vegetables will cause certain pollution to the environment during production. Most of this problem is caused by excessive fertilization and spraying of pesticides. There are a lot of chemical substances in chemical fertilizers, which affect the soil and groundwater in the vegetable growing area, and not only damage it. The economic benefits of farmers have also seriously threatened people's health. This pollution problem has existed for decades. Chemical substances and pesticide residues are easy to adhere to crops, have strong carcinogenicity, and easily induce gene mutations. Therefore, this problem is also an urgent problem to be solved in the development of agriculture in our country [3]. Based on this, my country continues to put forward the development concept of green and environmental protection, continuously innovate agricultural production technology and concepts, improve the professional knowledge and skills of agricultural production personnel, improve quality and efficiency in the production of facility vegetables, and enhance the greenness of facility vegetable cultivation. Environmental protection effect.

3. EFFECTIVE MEASURES OF ENGINEERING TECHNOLOGY INNOVATION IN REALIZING THE GREEN DEVELOPMENT OF THE FACILITY VEGETABLE INDUSTRY

3.1 Utilizing engineering technology to update the production facilities of the vegetable industry

In the production of facility vegetables in my country, if we want to improve quality and efficiency, we must first update facility vegetable production equipment, rationally plan the land use efficiency of solar greenhouses, replace low-efficiency production facilities, and promote the application of high-tech technologies. For vegetable planting in solar greenhouses, expand the scale of multi-span greenhouses and artificial light plant factories, improve their main structure, raise the level of environmental control, use engineering technology to

achieve precise control of facility vegetable production resources, and introduce advanced resources to reduce Pollution to the environment.

3.2 Using engineering technology to realize soilless cultivation of vegetable production

In the initial development of facility vegetables, soil cultivation was used to achieve vegetable planting. This method is also an important cause of pollution. Therefore, in facility vegetables, engineering technology can be used to achieve soilless cultivation of facility vegetables. This technology requires the addition of more facilities and equipment in the solar greenhouse to realize multi-layer planting of soilless cultivation, which improves the land use efficiency of the facility vegetable planting area. At the same time, because the soilless cultivation technology relies on the way that the substrate is embedded in the soil for planting, it can achieve precise control of vegetable planting resources and avoid pollution of the soil environment and groundwater resources.

3.3 Use environmental control technology to reduce the use of resources and pollution to the environment

To put it simply, it is to use biotechnology to create a vegetable planting environment, avoid the impact of environmental factors on facility vegetable planting, and improve the quality and yield of facility vegetables. This technology has been continuously practiced and optimized, effectively reducing the use of chemical fertilizers and pesticides, effectively ensuring the quality of facility vegetables, and ensuring people's food safety.

4.CONCLUSION

In summary, the green development of my country's facility vegetables has a long way to go. It is necessary to continuously improve and optimize facility vegetable planting techniques and facilities in the context of engineering and technological innovation, improve facility vegetable planting quality and efficiency, and continue to promote my country's facility vegetable industry Green development.

ACKNOWLEDGEMENTS

National Technical System for Bulk Vegetable Industry Lhasa Experimental Station Project NO. GAPS-23-39.

REFERENCES

- [1] Yang Yong. Research on the green development of vegetable industry under rural revitalization[J]. Jiangsu Agricultural Sciences, 2019, 47(09):11-15.
- [2] Bian Xiaodong, Yu Hanqing, Gao Xiaodong. Promote the application of key technologies for green development to promote the high-quality development of the vegetable industry in Huishan District [J]. Shanghai Vegetables, 2020(05): 4-6.
- [3] Zhang Wei. Integration and promotion of green and efficient vegetable industry chain technology[J]. Seed Science and Technology, 2020, 38(21):127-128.

My Opinion on Yacht Trailers

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Abstract: A yacht trailer in the field of trailer technology, including a frame assembly, a rear wheel assembly, a universal wheel assembly, and a supporting wheel mechanism. The supporting wheel mechanism is composed of a horizontal supporting wheel assembly and a side supporting wheel assembly. The frame assembly is also provided with an auxiliary support assembly matched with the side support roller assembly, and two sets of curved arm beams are symmetrically arranged at the rear of the frame assembly.

Keywords: Trailer; Frame

1. INTRODUCTION

In the United States, yacht trailers are an indispensable auxiliary tool for yacht consumption. Among the inventory of yachts in the United States, an average of 10 yachts has eight or nine yacht trailers, and almost every yacht is equipped with one yacht trailer. Yacht trailers have a unique position. The storage and use of yachts has become a concern of many people. The emergence of trailers has solved this problem well. The yacht trailer is closely related to the yacht. It facilitates the movement of the yacht, and at the same time constitutes a supporting platform for the yacht to park, avoiding the possible damage caused by uneven support force and shaking imbalance during transportation and parking of the yacht. It can be said that most of the time after the yacht leaves the water, it is supported by yacht trailers. Small and medium-sized yachts are inseparable from the yacht trailer, an indispensable auxiliary tool for water sports.

The yacht trailer has a closer relationship with the water sports center. Yacht trailers are the most convenient, quickest and most cost-effective auxiliary equipment for water sports to drop the yacht into the water or tow ashore. Yacht trailers will also give birth to the prototype of the water sports center-the emergence of the water slide (chute). In the United States, those coastlines with the most frequent use of yacht trailers and the most crowded slide trailers often attract the attention of local governments and communities. They will actively plan based on the trailer traffic used by the slides and allocate considerable financial funds to improve them. Water sports centers on river sections and shorelines to promote local economic development. Many riparian areas or bay areas that have been abandoned or deserted for many years with very low utilization have been revitalized as a result. Many successful and beautiful water sports centers often quickly form a piece of mansions and villages.

The relationship between yacht trailers and yacht sales and maintenance is even more inseparable. Almost all foreign manufacturers and sellers sell their trailers and yachts together without exception. After the transaction is concluded, the buyer can easily take the "goods" home

without worrying about transportation costs, loading and unloading links and other issues. With yacht trailers, people don't have to consider the issues of mooring and storage after buying a yacht.

When your love boat is installed with the engine, the center of gravity of the whole boat will move backwards. Please note that you must adjust the position of the axles. If the trailer is too far forward, there will be a backward drag force during the travel. If the axle is too far back, there will be a forward thrust during the process of travel. A simple method can be used for self-testing: an adult can lift the lever without too much effort with both hands without lifting it.

A yacht trailer includes a frame assembly, a rear wheel assembly assembled on the lower rear of the frame assembly, a universal wheel assembly assembled on the front and lower sides of the frame assembly, and a supporting wheel mechanism assembled on the upper part of the frame assembly. The frame assembly includes two sets of arc-shaped side beams arranged in parallel, a T-shaped traction beam fixedly connected to the arc-shaped side beams, and three sets of V-shaped beams arranged between the arc-shaped side beams; the support bracket. The wheel mechanism is composed of multiple sets of horizontal supporting roller assemblies arranged in the middle of the V-shaped beam and side supporting roller assemblies arranged on both sides of the V-shaped beam; One end of the arm beam is connected to the end of the arc-shaped side beam, and the other end is matched with the V-shaped cross beam; the side support roller assembly is composed of a support roller, a connecting shaft, a support roller support rod and a mounting sleeve A, which supports the roller. Assemble at both ends of the connecting shaft through the bearing, and the mounting sleeve A is sleeved on the supporting rod of the supporting roller and matched with the shaft; the connecting shaft is installed on the top of the supporting rod of the supporting roller with a mounting position A in the middle, and the clamping sleeve A is installed. The side is provided with an installation position B that matches the V-shaped beam, and the opposite side of the installation sleeve A is provided with an adjustment hole A that matches the supporting rod of the supporting wheel; The auxiliary support mechanism is composed of a rubber block and two sets of auxiliary support components that support the rubber block; the auxiliary support assembly includes a support rod and an installation sleeve B. The top of the support rod is provided with an installation clamp C for installing the rubber block, and an installation sleeve B. It is sleeved on the support rod and matched with the shaft; one side of the installation sleeve B is provided with an installation position D matching the V-shaped beam, and the opposite side of the installation sleeve B is provided

with an adjustment hole B matching the support rod. The two sets of curved arm beams set up at the rear of the frame assembly are W-shaped to fit the bottom contour of the ship, avoiding the collision of the frame assembly on the bottom of the hull; the support roller support rod can realize the side support roller up and down through the matching installation sleeve A. The left and right adjustments can be applied to yachts with different bottom shapes and have strong flexibility; the auxiliary support components can support the bottom of the boat, share the pressure of the supporting wheel mechanism, and increase the overall stability of the trailer.

Further, the winch bracket assembly is composed of a bracket body fixed to the T-shaped traction beam, a mounting frame cooperating with the bracket body, a winch mounted with a rotating shaft and the mounting frame, and auxiliary supporting wheels; the winch is provided with matching By turning the handle, the auxiliary supporting wheel matches the shape of the bottom of the ship and is movably mounted to the end of the mounting frame with a bearing. The winch is provided to facilitate the towing of the yacht, and the auxiliary supporting wheel at the front end serves as a pulley to reduce the burden of the tractor; the auxiliary supporting wheel that matches the shape of the bottom of the ship also facilitates the docking and support of the yacht.

The middle part of the frame assembly is symmetrically provided with two sets of mounting brackets that cooperate with the V-shaped beams, and the mounting brackets are provided with multiple sets of adjustment holes for matching with the horizontal supporting wheels; the horizontal supporting wheels are in the shape of an hourglass with two sides high and the middle low. . The horizontal support roller can freely change the position and change the quantity on the mounting frame, so as to adapt to different yacht body types. The horizontal support roller has a high structure on both sides and a low middle structure to fit the bottom of the ship better and facilitate carrying.

The front end of the T-shaped traction beam is provided with a connector for connecting the tractor and a winch bracket for installing a winch. The installation position and force application point of the winch are provided to facilitate the towing work of the yacht's loading and the fixed point at the front end of the yacht is also provided. The rear wheel assembly is equipped with a brake disc assembly, and the T-shaped traction beam is equipped with a matching handbrake assembly. It is convenient to

park the trailer and avoid the situation of the trailer slipping. A leaf spring suspension is arranged between the rear wheel assembly and the arc-shaped side beam. Reduce the vibration caused by bumps during transportation, and play a good role in protecting the bottom of the yacht. The rear wheel assembly is provided with a matching wheel guard plate, and the wheel guard plate is installed with the arc-shaped side beam by a guard plate mounting frame. The wheel guards can block the tires and prevent mud splashing while also protecting the safety of surrounding personnel.

A taillight mounting frame is symmetrically installed at the tail of the arc-shaped side beam, the taillight mounting frame is equipped with an LED taillight assembly, and the LED taillight assembly is provided with a waterproof lampshade. Provide lighting at night, waterproof lampshade to avoid water immersion.

The outer sides of the horizontal supporting rollers, supporting supporting rollers and the crank beam are all covered with a layer of compression-resistant rubber. The rubber layer can prevent metal parts from colliding with the bottom of the boat, and at the same time, it can also cushion a part of the impact and protect the bottom of the yacht. Multiple sets of fixed rope hooks are arranged on the outer side of the curved side beam. It is convenient to fix the yacht and ensure the safety during transportation.

The trailer has high stability during transportation and has a good shock absorption effect; the parking mechanism is used to lock the tires for easy management; the winch part is equipped to facilitate the towing of the yacht, saving time and effort; the supporting wheel mechanism is adjusted by each part With the change of distance and height, it can carry yachts of different sizes and bottom shapes.

REFERENCES

- [1] Tianjin Water Transport Engineering Research Institute, Ministry of Transport. The Numerical Simulation Test of the Water Conveyance System of the West Shiplock of the Riverside Public Environment Construction Project in Huishan Block[R]. Tianjin: Tianjin Water Transport Engineering Research Institute, Ministry of Transport, 2013.
- [2] Li Yawei. Research on the Style and Function Classification System of Yacht Modeling[D]. Changsha: Hunan University, 2011.

An Analysis of The Core Elements in The Process of Teaching Reform in Vocational Colleges

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Abstract: The education of vocational colleges calls for the purpose of teaching reform to cultivate skilled talents that meet professional needs. Improving the actual teaching quality is the basis for the healthy development of vocational colleges. This article further analyzes the core elements of the actual reform process through the analysis of the current teaching situation of vocational colleges.

Keywords: Core Elements; Vocational Colleges; Teaching

1. INTRODUCTION

The Ministry of Education has put forward the requirement of "employment-oriented and deepening reform" for vocational education, which is also an important means to improve the quality of vocational education. Based on this, this article briefly discusses the teaching reform path and core elements of vocational colleges.

2. ANALYSIS OF THE STATUS QUO OF TEACHING IN VOCATIONAL COLLEGES

The teaching reform of vocational colleges is implemented based on the current teaching situation, and the analysis of the current teaching situation of vocational schools is mainly promoted from two aspects.

On the one hand, it analyzes the status quo from the perspective of students. At present, most vocational college students have a relatively poor learning foundation, and their cultural foundation is low, especially in basic subjects such as English, mathematics, and Chinese. In addition to the different sources of students in vocational colleges, the basic differences between individual students are even more obvious. According to the math, Chinese, and English tests of a vocational college, the gap between the highest and lowest scores is relatively large. Although many students in vocational colleges have a poor cultural foundation, there are still some students with better grades. This also makes it impossible for vocational colleges to adopt uniform methods or uniform standards to effectively meet the learning needs of students when teaching.

On the other hand, it analyzes the status quo from the perspective of teachers. In the process of teaching in current vocational colleges, there are undesirable problems such as not considering the wishes of students and reading teaching according to the text. According to the survey, many vocational college teachers are in the classroom. Leading activities occupy more than two-thirds of the time. Teachers are completely at the center of classroom teaching, while students only passively receive knowledge, and some classroom teaching does not arrange

students' time for questioning or speaking. Students' participation in a class is all It is not high. Another problem is that the teacher's teaching method is unreasonable and simplistic. Many students say that they are not interested in listening to the class or do not understand, which causes students to feel tired of learning. In addition, teachers' sense of quality in teaching is also insufficient. Under the current background, skilled talents are urgently needed by society, and teachers have not started from the perspective of cultivating skilled talents, and do not pay attention to the improvement of teaching quality. The evaluation mechanism of teaching quality is also not perfect, making the teaching effectiveness of vocational colleges always poor [1].

3. THE CORE ELEMENTS IN THE TEACHING REFORM OF VOCATIONAL COLLEGES

3.1 Effective combination of teaching and environment

The teaching reform of vocational colleges is mainly reflected through innovative teaching behaviors, and all the teaching activities of professional courses and main courses have been reformed. The students of vocational colleges will devote themselves to work in society in the future. Therefore, the evaluation of teaching effects should be tested in social practice, so that teaching effects can be objectively evaluated. Teachers should not ignore social practice after the teaching reform. Teaching should be effectively integrated with the social environment to effectively create a healthy teaching atmosphere. Teachers should be able to guide students to an unfamiliar social practice environment and promote the improvement of students' social practice capabilities. It is no longer limited to traditional teaching textbooks. It is to use all resources to create an environment for students to participate in practice. In teaching, the impact of the environment on students' emotions should also be considered to ensure that the environment can adapt to the psychological conditions of students. The traditional fixed teaching thinking should be broken. Teachers should aim at students. Strengthen communication and emotional guidance to create a more pleasant teaching environment, thereby improving the quality of teaching.

3.2 Effective combination of knowledge and ability

Vocational colleges have always attached great importance to the cultivation of students' practical ability. In the process of teaching reform, the cultivation of practical ability should also be the focus. Practical ability mainly refers to the ability to operate skills, and comprehension ability is also needed in terms of understanding knowledge. In order to promote the

teaching reform of vocational colleges, it is also necessary to promote the effective combination of knowledge and ability to truly bring out the actual value of teaching. For example, in teaching, we should pay attention to investigating students' multi-disciplinary knowledge penetration ability and knowledge acquisition ability. We should also pay attention to cultivating students' autonomous learning ability, logical reasoning ability and basic judgment ability. These all determine students' The depth and breadth of knowledge mastery. on this basis, how to improve students' ability to use knowledge has also become a focus of the teaching reform process. In order to meet the current educational requirements, improving the combination of knowledge and ability is of great significance for improving the quality of teaching in vocational colleges. The focus of quality education. The practical ability of students is also formed in the continuous accumulation. In the reform process of vocational colleges, practical training is combined with knowledge transfer and teaching. The principle is from shallow to deep, so as to improve the level of professional knowledge and skills, and give play to the educational reform. The real effect [2].

3.3 Effective combination of guidance and encouragement
In the teaching of vocational schools, the achievement of various teaching goals and the completion of teaching tasks all need teachers and students to realize together. In the process of implementing the teaching reform, its primary focus is to reform the traditional teaching model, change the traditional teacher-student relationship, and create a more harmonious and equal teaching atmosphere. In the process of teaching, teachers need to promote the effective combination of guidance and encouragement. For example, when they encounter practical problems in teaching management, they should teach students heuristically, so that students dare to question, actively discuss with teachers, and create Exploratory classroom; encourage students to actively apply the knowledge they have learned to practice, and to explore new problems in the process of social practice, no longer limited to classrooms and teaching materials, expand the knowledge structure through in-depth discussion, and actively solve practical problems in the classroom, actively guide students toward the correct learning direction to ensure the realization of classroom learning goals. Outside class, teachers should also fully communicate with students to detect students' learning pressure in a timely manner and help relieve students' self-confidence. Encouragement makes students more willing to learn and active learning, and also helps to play the role of the exploratory teaching model and promote teaching reform.

3.4 The effective combination of college and society

The reform of vocational colleges should also promote open teaching and fully integrate colleges and society. Traditional teaching is limited to the classroom. After the reform, it should go out of the classroom, and it can also make the connection between the teaching content and the society closer and improve the teaching experience. vitality. Teachers transfer knowledge from the classroom to the society when teaching, so that students can see the

career prospects and development direction, and find their own future development positioning, which also helps to stimulate students' potential advantages. After strengthening the integration of the college and society, it has also promoted the development of curriculum resources, which can build a more effective teaching situation, expand more flexible teaching activities, improve students' comprehensive ability, and help complete the teaching goals more efficiently. Laid the foundation for the sustainable development of students in the future. Taking classroom teaching as the basic point, and accurately grasping the professional direction when actually carrying out social practice activities, social practice should be a supplement to the professional skills training of students, avoiding the separation of students' learning from the actual situation, and deepening students' understanding of professional knowledge [3].

4. ANALYSIS OF EFFECTIVE STRATEGIES FOR TEACHING REFORM IN VOCATIONAL COLLEGES

4.1 Taking the development needs of students as the guidance of teaching reform

The teaching reform of vocational colleges should fully reflect the students as the main body, examine the wishes of students in teaching, and meet the actual development needs of students as the goal, return to the original intention of teaching, and deeply implement the teaching reform. First, the school's guidance service center can be established to serve students' employment, entrepreneurship, and higher education as their basic tasks, to give play to the management function of education and teaching for students' academic work, and to ensure diversified, individualized, and differentiated services. Students can be developed. The service center builds a management platform based on student development and big data technology. At the same time, it should establish a student's academic analysis and feedback analysis mechanism, effectively formulate a modular teaching curriculum framework, and at the same time be responsible for coordinating the campus A variety of foreign teaching resources help students grow up healthily in school. The second is the modular reform of the curriculum system. According to the existing talent training requirements, combined with the actual situation of the complex source of students in vocational colleges, the growth of students themselves is also diversified. Therefore, vocational colleges need to be established according to the needs of students. Each course module, formulate multiple types of assessment methods, provide services of diversified learning modes, aiming at students of different majors, and according to their future development directions, it is necessary to formulate special talent training programs to promote the unique development of students, as far as possible Meet the needs of personalized learning. The third is to formulate a guiding system for course selection. Vocational colleges are actively promoting modern apprenticeship, technological innovation system, academic qualification promotion system, etc., and special courses should be created according to the characteristics of these new mechanisms, and then students should be guided to choose

freely according to their own learning situation. In the first academic year of students' enrollment, relevant business experts and famous university teachers should be arranged to give lectures on personal development planning for students to effectively guide students' selection of courses. The fourth is to use the combination of grade points and credits in academic evaluation to break the traditional situation of taking course examinations as the main evaluation index. We should pay more attention to the evaluation of students' learning process, and then tap the students' learning potential. It is also necessary to establish science The credit and grade point computer system allows the credits and grade points to better reflect the learning situation of students, so as to enhance students' sense of accomplishment and gain in professional learning, and promote their personal development.

4.2 Enhance students' active and leading awareness of learning

In the current teaching process of vocational colleges, it is found that many students have partial subjects, weariness of study, or lack of self-confidence in learning. In addition, there is a large gap in ability and habits between individuals. Teachers in the classroom control The dominant position makes the learning process of students not relaxed enough, and it is difficult to improve the effect. Therefore, in this situation, it is necessary to enhance the students' sense of initiative and leadership in learning, build a new class of autonomous service, and make students realize that learning is their own business, and teachers can only play a supporting role. For example, students can customize their own learning goals according to their own situation. First, let students understand the goal requirements of the curriculum standards, and build a good learning situation for students. Have you encountered a similar scene, what can you do when facing the scene, provide students with a different level of description of learning objectives, let students use this as a reference, and then the teacher will guide the students to formulate personalized learning objectives, and ensure that the students work hard To complete this goal, in the process of formulating learning goals, students can perform self-examination, self-digging and self-planning, which promotes the improvement of personal development potential. Students can also make their own learning plans. Teachers provide students with abundant learning resources. In the teaching of important and difficult content, heuristic methods are used. Students independently design tasks to be completed in the learning process, combined with self-set learning goals. and implement it in the classroom, so that you can avoid boring when carrying out tasks. Take the teaching of "car engine disassembly and assembly" as an example. First, the students are issued work manuals as the basis for task formulation. The teacher organizes the students to carry out exchanges and revisions, and finally establishes the implementation plan, and then implements the plan, which effectively improves the students' initiative and learning. Leading consciousness.

4.3 Ensuring the implementation of teaching reform in an ACADEMIC PUBLISHING HOUSE

all-round way

The teaching reform of vocational colleges should attach importance to continuity and systemicity. Therefore, it should be ensured that it has basic guarantees. on the one hand, it is necessary to create a "three-teacher" type of teaching team. The "three-teacher" mainly refers to enterprise teachers, school teachers and peer assistants. Effective cooperation, so that the talent training system has a complete dual-teacher structure, and further adjustments to the dual-teacher structure, you can hire part-time college teachers for corporate talents, so as to improve the effectiveness of talent guidance, and finally increase the training of peer teaching assistants Pay attention to, promote students with specialties to become the last "teacher", effectively promote the formation of the teaching team, and help achieve the goal of talent training. on the other hand, it is to jointly build and share high-quality curriculum resources. The teaching reform of vocational colleges includes everything. From teaching concepts, content and methods, it is difficult to achieve by teachers alone. Therefore, it is necessary to gather the wisdom of many teachers and introduce new ones. Concepts, new processes and new technologies to implement reforms, create co-construction and shared high-quality courses, and refine the content of each knowledge point, including its task design, activity design, problem design, implementation design, evaluation design, etc. Curriculum resources are also shared by all teachers and are used in every classroom to ensure that the teaching reform can be deepened and implemented. In addition, vocational colleges should also improve learning places and construct three types of places, including schools, cyberspaces, and enterprises, to ensure that professional courses and professional standards are effectively connected, and that teaching and actual production processes are connected. Only a good learning place as an external environment can better promote the improvement of students' learning effects and meet the diverse learning needs of students. This is also a form of construction of a smart learning environment. In order to further arouse the enthusiasm of all faculty members of vocational colleges to promote teaching reform, the evaluation of teaching methods should also be carried out from the perspective of faculty members to effectively ensure the realization of the effectiveness of education. The indicators of teaching method evaluation include students in the classroom. The creativity and enthusiasm of students, the development of students' potential, the improvement of students' comprehensive quality, the training of students' professional ability, etc. [4].

5.CONCLUSION

In summary, the current vocational school teaching is facing a stage of reform. In order to improve its teaching quality, the core elements of the reform are mainly to promote the effective combination of teaching and environment, the effective combination of knowledge and ability, guidance and encouragement The effective combination of the university, the effective combination of the college and the society, etc. According to the analysis of this article, the effective strategies of teaching

reform in vocational colleges include: taking the development needs of students as the guidance of teaching reform, enhancing students' sense of initiative and leadership in learning, and guaranteeing the implementation of teaching reform in an all-round way.

REFERENCES

- [1] Chou Yafei. Research on the project-oriented teaching reform of higher vocational event planning courses based on practical ability training--Taking Shanghai Urban Construction Vocational College as an example [J]. Science Education Journal (First half issue), 2018(28):124-126+165.
- [2] Zhou Juan. Research on the reform of economics teaching in vocational colleges based on the application-

oriented talent training model[J]. Times Finance, 2018(02):313+316.

- [3] She Na. Research on the teaching reform of higher vocational colleges under the background of "Internet +"-Based on the teaching reform practice of the course "Construction Project Management" of Chongqing Energy Vocational College[J]. Teacher Education Forum, 2017, 30(07): 70-74.

- [4] Xu Zhenfang, Li Wenyan, Zhou Tao. Research on school-enterprise cooperation teaching reform in higher vocational colleges: Taking Shandong Shenghan Vocational College of Finance and Trade as an example [J]. Contemporary Economy, 2017(08): 108-109.

Research on Curriculum Construction of Innovation and Entrepreneurship Education from The Perspective of Curriculum Ideology and Politics

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Abstract: Based on the education of institutions of higher learning course construction guidelines "file spirit as a guide, around the basic task of khalid ents, explore innovative entrepreneurship education based on" course education "course construction path, in order to moral and ethical dilemmas in cracking creative practice, change the present innovation entrepreneurship education and ideological and political education of" two pieces of skin "phenomenon, Promote the in-depth integration and collaborative education of the two, realize the organic unity of knowledge teaching and value guidance.

Keywords: Curriculum Ideology and Politics; Curriculum Construction; Innovation and Entrepreneurship Education.

1. INTRODUCTION

In General Secretary Xi statement about "All kinds of courses and ideological and political theory courses in colleges and universities are in the same direction, forming a synergistic effect. Under the guidance of this important discussion, "curriculum thinking and politics" has become the mission of The Times that every college educator must undertake. Innovation and entrepreneurship education is an important carrier to cultivate high-quality innovative talents and support the construction of an innovative country. It integrates the national development strategy, the connotation of talent training, the overall development and personalized development of students and other aspects, and occupies a pivotal position in the curriculum system of higher education. Therefore, in the connotation construction of innovation and entrepreneurship education, the introduction of the education concept of "curriculum ideological and political" is conducive to realizing the organic unity of "knowledge imparting" and "value guiding", and laying a solid foundation for the implementation of innovation and entrepreneurship education.

2. SIGNIFICANCE OF IDEOLOGICAL AND POLITICAL CONSTRUCTION OF INNOVATION AND ENTREPRENEURSHIP EDUCATION COURSES

2.1 on the one hand, it enriches the function form of ideological and political courses and promotes the innovation and development of ideological and political theories of the courses; on the other hand, it is beneficial to clarify the content system of college students' innovation and entrepreneurship education, expand the theoretical research of college students' innovation and

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entrepreneurship education, facilitate the realization of the common goal of innovation and entrepreneurship education and ideological and political education, and further consolidate the theoretical basis and material of college talents training.

2.2 Through innovative entrepreneurship education courses and ideological construction, make the innovation entrepreneurship education and ideological and political education in the education content on complementary synergy, the function, improve the level of teachers' ideological and political qualities and professional skills, the overall situation of building a comprehensive quality education, improve the level of education in colleges and universities and the content, training excellent entrepreneurial talent of the tasks of national revival, So as to enhance the level of national innovation and entrepreneurship, consolidate and enhance the country's core competitiveness.

3. THE CONSTRUCTION GOAL OF INNOVATION AND ENTREPRENEURSHIP EDUCATION CURRICULUM

In recent years, colleges and universities in China have generally set up innovation and entrepreneurship education courses, and the curriculum system has been improved and achieved certain results. However, some colleges and universities have insufficient understanding of the importance of innovation and entrepreneurship moral education, and tend to be utilitarian in their target value orientation. They emphasize more on the teaching of technical, entrepreneurial management, marketing and other knowledge content, and pay attention to the explicit elements such as the enlightenment of students' entrepreneurial consciousness and the cultivation of entrepreneurial ability, while ignoring the study and thinking of ideological and political aspects. In the teaching, the contents related to values guidance and entrepreneurship moral education are vague, lack of scientific and targeted, and fail to play the long-term guiding role of curriculum ideology and politics in innovation and entrepreneurship education. After a period of rapid development of innovation and entrepreneurship education, a series of ethical and moral problems have been exposed in the practice process. How about political ideal and faith, to the ideological and political education of patriotism and national spirit, the ideological and moral quality, craftsman to really relate to innovation of the spirit of entrepreneurship education courses teaching, design

and develop a set of applicability, outstanding effect, strong operational innovation entrepreneurship education "course education" construction scheme, to clarify the construction of innovative entrepreneurship education curriculum goal is critical.

The curriculum construction of innovation and entrepreneurship education in colleges and universities aims to cultivate high-quality innovation and entrepreneurship talents with patriotism, professional ethics of abiding by discipline and law, and team spirit of win-win cooperation. It not only aims to cultivate students' scientific research and practice ability, innovation and entrepreneurship ability, analysis and problem-solving ability. More attention should be paid to cultivating students' "political identity, national consciousness, cultural confidence and citizen personality". Innovation and entrepreneurship education must carry out the basic task of moral education, deeply explore and refine the ideological and political education elements and functions contained in the curriculum, and realize the construction goal of "imparting knowledge, cultivating ability and shaping value".

4. CURRICULUM CONSTRUCTION SCHEME OF INNOVATION AND ENTREPRENEURSHIP EDUCATION FROM THE PERSPECTIVE OF CURRICULUM IDEOLOGY AND POLITICS

On the basis of theoretical research and empirical investigation, guided by existing problems and education needs, the "curriculum ideological and political" construction program of innovation and entrepreneurship education is formulated from the reform of curriculum concept, textbook compilation, teaching process, teacher cultivation, evaluation and reflection.

4.1 The reform of the teaching goal to highlight the value of "course education" concept to lead, to help college students' innovative entrepreneurial purposes, strengthen the patriotism as the core of the home country feelings, form bound as the core of morality ethics, form the win-win cooperation as the core of team spirit, improve thinking and enterprising spirit of innovation, Cultivate high-quality innovative and entrepreneurial talents from all aspects of thought, knowledge and skills.

4.2 To improve the level of teachers, the training mechanism of "send out" and "invite in" is adopted to improve the level of teachers in innovation and entrepreneurship education at different levels, with key points and high coverage. Targeted training, advanced study and exercise for teachers of innovation and entrepreneurship course, promote communication with teachers of ideological and political theory course, improve teachers' ideological and political literacy and improve multidisciplinary knowledge structure by relying on the carriers of mutual evaluation of lectures, teaching salon, teaching and scientific research. At the same time, famous entrepreneurship mentors, experts and scholars with excellent ideological and political skills will be hired to carry out theoretical training on innovation and entrepreneurship, forming a team of innovation and entrepreneurship teachers of different levels and categories.

4.3 Write school-based teaching materials based on the actual, give full play to the characteristics of this advantage, combined with the history, the school motto, school spirit spirit and outstanding alumni success stories such as high-quality education resources, extract the good ideological and political elements, transforming it into a figurative and vivid case core values education, integration of writing in the school-based teaching materials.

4.4 Innovative teaching methods Change the solidification mode of the original course theoretical teaching, try to carry out experiential teaching activities with "students as the main body", display the information and ideas of excellent innovation and entrepreneurship cases and entrepreneurship through case sharing and discussion, role practice experience, etc. To promote the transformation of classroom teaching from knowledge teaching to the cultivation of innovative spirit, entrepreneurial ethics and innovative entrepreneurial ability. When conducting practical guidance, "taking competition as the guide", the excellent works of innovation and entrepreneurship competition obtained by the school over the years are taken as classic cases, and ideological and political elements such as patriotism, craftsman spirit and team spirit are deeply explored, which are silently infiltrated into the daily teaching content for teaching. At the same time, "promote teaching through competition" encourages students to participate in various innovation and entrepreneurship competitions to effectively improve their comprehensive practical ability.

4.5 Establish a feedback mechanism and adopt the course evaluation model combining knowledge and skills with educational effectiveness. Through case interview and teacher evaluation system, students' real feelings and individual needs are timely paid attention to in the teaching process, especially for the ideological and political teaching effect of innovation and entrepreneurship education courses. According to the teaching feedback, actively adjust the teaching methods and absorb the teaching reform opinions and suggestions of experts.

5. CONCLUSION

Under the background of constructing a creative country, the basic task of colleges and universities should be about khalid ents, to build a universal coverage, and rich types and levels, to support each other course education system as the goal, perfecting the innovation entrepreneurship curriculum system, to promote innovation in colleges and universities entrepreneurship education effect, for the construction of an innovative country foster more high-quality innovative talents.

ACKNOWLEDGEMENTS

This Paper Is The Research Result of The 2021 Educational Reform Project (JGYB2166) and (JGYB2105) of Hunan University of Arts and Sciences.

REFERENCE

[1] Shi Li, WANG Zuoliang. How to optimize ideological and political Teaching Mode in Universities from the Perspective of Innovation and Entrepreneurship [J].

Higher Education Journal, 2017 (19): 24-26.

[2] Gao Deyi, ZONG Aidong. From ideological and Political Curriculum to Ideological and Political Curriculum: Constructing the Curriculum System of Ideological and Political Education in Universities from the Strategic Height [J]. China Higher Education, 2017 (1): 43-46.

[3] Liu Hongbo, Xiong Jiji. Research on the Collaborative Mechanism of Innovation and Entrepreneurship Education and Ideological and Political Education in Colleges and Universities [J]. Journal of Jilin University

of Business and Technology, 2017 (8): 100-103.

[4] Gao Deyi, ZONG Aidong. Curriculum Thinking and Politics: The Inevitable Choice of Effectively Playing the Role of the Main Channel of Classroom Education [J]. Ideological and Theoretical Education Guide, 2017 (1): 31-34.

[5] Gao Yan. Key Problems and Solutions of Curriculum Ideological and political Construction [J]. China Higher Education, 2017 (Z3): 14.

On College English Teaching and English Literature Appreciation

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Abstract: Appreciation of English literature works can be said to be an important part of English teaching, but also can be regarded as an effective way to strengthen students' English literacy, so college English teaching should properly strengthen the application of English literature works, so as to improve the quality and efficiency of English teaching to lay a solid foundation. This paper first analyzes the meaning of the appreciation of English literature, then expounds the significance of the application of literary works, and finally summarizes the strategies to improve college English teaching, in order to share and communicate with the majority of teachers.

Keywords: College Education; English Teaching; English Literature Works; To Improve The Strategy

1. INTRODUCTION

College education is an important base to cultivate high-quality and competent talents for Our society, while English majors are in short supply in the society. Therefore, college English teaching must pay attention to innovation and improvement of English teaching methods, objectives and contents, in order to create a rich, efficient and adaptive English learning environment for students. Based on this, English literature as to improve students' English literacy and strengthen the key elements of the quality of English teaching, more should attach great importance to and support by the teachers, it requires college English teachers understand the value of English literature and advantages, and explore how to reasonable embedded practice teaching in English literary works, in order to ensure that students can under the influence of English literature, can constantly improve their English level, ability, quality, and then become English professionals needed by the society.

2. ENGLISH LITERATURE APPRECIATION

Excellent literary works are spiritual food, which not only contains the rich thoughts of the author, but also shows the profound literary foundation of the author. Therefore, literary works are an important product of culture, spirit and thought. In terms of English literary works, the author want to rich, image and express their own thoughts and vivid, often need to use the different sentence patterns, different language structures, different voice, but also attach importance to the text of the concept and the specific people, things, so literary works often have profound educational, ideology, culture and infectious [1]. The so-called English literature appreciation is an effective form of strengthening English teaching by reasonably using excellent English literature works to improve students' English accomplishment, English level and English thinking. In the process of appreciating

English literature works, students can not only learn English expression methods in the works, such as the application of various English sentence patterns, the application of various English words, but also enrich their English literacy, such as English thinking, English understanding, English cognitive ability, English application ability, etc. In a word, English literature appreciation is a strong support for the current English teaching research and reform in colleges and universities, and a key means to strengthen students' English literacy.

3. THE APPLICATION SIGNIFICANCE OF APPRECIATING LITERARY WORKS

The significance and value of advocating students' appreciation of English literature in college English teaching is mainly reflected in the following aspects: First, it is helpful to stimulate students' interest in learning English. More traditional forms of teachers in the teaching of English is given priority to with textbooks teaching materials, more is conduction from the textbook knowledge to students, in the process, need to face a lot of middle school students and boring practice, over time the student association had the fear of tired of this kind of teaching method, the reasonable application of English literature appreciation teaching, however, can be achieved abundant English teaching content, the process and experience of the effect, in this way, students will change their understanding of English teaching and rekindle their interest in learning English and confidence in learning English well [2]. Second, it is beneficial to strengthen the effectiveness of English teaching. Adaptive, efficient and rich teaching methods can successfully improve the quality and efficiency of teaching, and English literature appreciation teaching is an excellent teaching method. In this kind of teaching method, students need to read literary works by their own ability, which successfully exercises students' Sense of English language, but also effectively expands students' English thinking and English vocabulary, and then lays a solid foundation for students' English learning. Thirdly, it is beneficial to improve students' cultural literacy and expand their cultural vision, and can promote the exchange and integration of Chinese and foreign cultures. As the saying goes, "culture has no borders", excellent culture deserves inheritance and development, and literary works are the carrier of cultural inheritance. Therefore, introducing English literary works into English teaching in colleges and universities can promote the integration and exchange of Chinese and Western cultures, and thus leave more colorful cultural treasures for the world.

4. STRATEGIES FOR IMPROVING COLLEGE ENGLISH TEACHING

Though English literature appreciation is a kind of effective teaching methods, but still requires constant innovation and improvement, can really play a proper value and effect, so the aim of English teaching in the college English teaching must be from, and starting from the actual situation of college students, research and looking for a new idea of English literature appreciation teaching.

4.1 Reasonable selection of English literature works

The application of English literary works in college English teaching largely depends on the content of literary works. Therefore, teachers need to recommend and provide the most suitable literary works for students based on the content and objectives of College English teaching, so as to strengthen the quality of English teaching and promote the development of students' English literacy. First of all, it starts from students' interest in English reading, caters to the types of books students like to read, and recommends English literature works for students. on the one hand, it improves students' initiative and enthusiasm to appreciate English literature works, and on the other hand, it further increases students' interest in English reading. Secondly, it recommends English literature works to students according to college English teaching objectives. Aimed at cultivating students' ability to English translation, for example, the teaching goal, teachers should focus on recommended reading English, and don't encourage students to read the bilingual reading, so that students in the appreciation of English literature, not only can exercise and improve their English translation ability, can also accumulate rich vocabulary, sentence patterns and context, Finally, it will create good conditions for English learning and translation work in the later stage. Therefore, it can be seen that the application of English literature appreciation in college English teaching, how to select and recommend literary works is a very key link, for which teachers must pay attention and research, in order to provide students with suitable and efficient English learning conditions.

4.2 Innovate English teaching methods

Therefore, in order to guarantee the effectiveness of English literature appreciation in teaching, it is necessary

for college teachers to constantly innovate teaching forms and methods suitable for students on this basis. First of all, teachers should guarantee the value and significance of English literary works appreciation, pay attention to reflect students' learning subjectivity and autonomy, and advocate students to appreciate English literary works willingly, rather than in a forced and passive state. Secondly, we should enrich the teaching methods of appreciating English literary works as much as possible, and avoid using single and boring forms of self-study and reading for a long time, so as not to affect students' learning interest and quality. Teachers can organize regular English culture exchange, for example, students are encouraged to share the recent appreciation, reading English literature to the teacher and students, at the same time on the English literature of the share the fierce discussion, can research works of thoughts, spirit, factors such as the structure, can also research the influence of English literature, the author and other elements. The significance and value of appreciating English literature works can be brought into full play through rational innovation of English teaching methods, and favorable conditions can be created for college English teaching at last.

5.CONCLUSION

Based on the important value and significance of English literature appreciation, English teachers in colleges and universities must do a good job in this aspect of teaching and research, so as to create more efficient, rich and suitable conditions for students to appreciate English literature works, and then achieve the purpose of strengthening students' English literacy and enhancing the quality of English teaching.

REFERENCES

- [1] Li, H. (2019). A Study on the Chinese Cultural Context of English Literature Teaching in China [J]. *Overseas English*, 17 (17):49-50.
- [2] Yuan Lining. Application of English Literature Reading in College English Teaching [J]. *Campus English*, 2015(28):52.

A Study on The Current Situation of "Chinese Cultural Aphasia" in College English Education in China

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Abstract: With the reform and innovation of China's education, great changes have taken place in the teaching methods of many disciplines. Among them, College English teaching is the content that has attracted much attention in recent years. The main reason is that China is gradually developing towards internationalization, which leads to higher and higher attention to English education. Although China's College English has a high enthusiasm for learning, there are still many defects and problems in educational methods. Some students are still very lack of the ability to expand Chinese culture. These problems are caused by English examination-oriented education, especially the expression of Chinese culture, which makes students often show the state of "Chinese Cultural Aphasia" in English. Therefore, colleges and universities in China must pay attention to this problem and improve and innovate teaching methods. In this paper, the author analyzes the current situation and problems of College English Teaching in China, and expounds the solutions to the problem of aphasia.

Keywords: Colleges and Universities; English; Education Aphasia; Present Situation; Research

1. CURRENT SITUATION AND PROBLEMS OF ENGLISH TEACHING IN COLLEGES AND UNIVERSITIES IN CHINA

At present, China's major colleges and universities attach great importance to English teaching, and the relevant education departments also clearly point out in the outline that college English education must integrate into Chinese culture. However, in the actual teaching process, whether it is the teaching purpose or teaching content, educators do not well adapt to the new requirements of the education department. Moreover, there is a very serious phenomenon of "Chinese Cultural Aphasia", that is, Chinese students lack the ability to express Chinese culture in English. They can only accept cultural input unilaterally and can not transmit Chinese culture well. From the current situation of English Teaching in Colleges and universities in China, there are three main reasons for this phenomenon of "Chinese Cultural Aphasia", one is the students, the other is the educators, and the third is the teaching environment. Most colleges and universities in China lack the cross-cultural communication ability of teachers and students, especially in the process of publicizing and exporting Chinese traditional culture abroad, due to their own comprehensive quality, it has greatly affected the improvement of teaching quality and

teaching effect in China [1]. Because for educators, most college educators did not carefully and truly accept Chinese culture when they received English education and training in the early stage, and did not require the effective combination of Chinese national culture and College English education at that time [2]. Therefore, this part of College English educators are not aware of integrating "Chinese culture" into teaching. Therefore, the education department needs to put forward higher requirements and appropriate changes to educators, so as to effectively combine college English education with Chinese culture. In addition, in the environment of long-term English examination-oriented education, educators and students have already formed a fixed thinking mode. No matter teachers or students, they basically only pay attention to some key learning contents in the learning process, but are not very interested in the contents outside the examination center, which is also the fundamental reason for the phenomenon of "Chinese Cultural Aphasia". In the process of traditional English teaching, whether it is teaching materials or teaching purposes, English pays too much attention to the expansion and transmission of foreign culture, and few English teaching materials explain Chinese culture, so educators have no way to expand and supplement Chinese culture. Therefore, college students still have some difficulties in mastering the English of Chinese culture.

2. SOLUTIONS TO APHASIA

2.1 Educator level

For educators, we must fully understand the new syllabus of College English, improve and perfect the teaching content and teaching objectives, and finally formulate targeted teaching plans for students. From the current situation of College English Teaching in China, English educators play an irreplaceable role in the effect of education, so educators must correct their teaching attitude and strengthen the integration of Chinese culture in the process of English teaching, so as to fully combine college English teaching with Chinese culture [3]. Colleges and universities must scientifically, systematically and standardized organize English educators for training, which can not only deepen educators' understanding of Chinese culture, but also think about how to carry out Chinese culture teaching in the process of education in detail and seriously. Compared with the early English teaching, the educators are not very familiar with the new concept of Chinese culture teaching, and the educators can not adapt well. Therefore, it is

necessary for College English educators to reform and innovate the teaching contents and teaching methods, and make systematic lesson preparation before teaching activities, so as to insert Chinese culture into English teaching, and let the students fully understand what Chinese culture is like.

2.2 Student level

For students, a large part of the reason why "Chinese culture" can not be applied to English teaching lies in the lack of mother tongue cultural knowledge of most English learners in China, because in the case of serious lack of "Chinese culture", it is more difficult for students to understand the English expression of "Chinese culture", so schools should strengthen Chinese culture teaching, in addition, students can make full use of time outside teaching to expand Chinese culture, such as "looking at China from history" and "selected readings of Pre-Qin scholars" and other English courses related to Chinese culture, so that students can fully understand the content of Chinese culture. Because as a Chinese, Chinese students must understand China's excellent culture, which is also an important means of inheriting Chinese culture.

2.3 Educational environment

From the perspective of teaching environment, the reason affecting the combination of Chinese culture and College English teaching lies in the impact of China's examination oriented education environment [4]. Since ancient times, the only way to test the effectiveness of students in China is to take exams. In the case of multi-level learning pressure, both Chinese educators and learners bear great learning pressure, so teachers and students must learn how to get higher grades in the least time. This situation leads to the gradual change of Chinese education to exam oriented education, which is also the main reason why Chinese culture is difficult to carry out in English teaching. Therefore, colleges and universities in China must pay attention to this content, give educators clear educational objectives and task requirements, and make college educators aware of the importance of Chinese culture and education. In addition, colleges and universities also need to comprehensively improve the English teaching environment so that exam oriented education will not appear in English teaching. In addition, colleges and

universities also need to reform the content of English textbooks at this stage. At present, few English textbooks involve Chinese culture, which seriously affects the learning of Chinese culture in English teaching. Therefore, the education department must adjust the English textbooks accordingly so that students can better accept Chinese culture. This can not only expand the ways for students to learn Chinese culture, but also help educators carry out Chinese culture education and teaching.

3. CONCLUSION

Although there are still many problems in the teaching of Chinese culture in China's College English education and teaching, resulting in the lack of Chinese cultural knowledge reserves of students and educators' confusion about the purpose of education, these problems seriously affect the significance of Chinese culture in English teaching. Therefore, students, educators and the Ministry of education must pay attention to this content and create a "Chinese culture" English teaching environment for students. In this paper, the author analyzes the current situation and problems of English Teaching in Colleges and universities in China, and expounds the suggestions on educators, students and educational environment, hoping to bring help to relevant educators and colleges and universities.

REFERENCE

- [1] Peng Zhigang An analysis of the current situation of "Chinese Cultural Aphasia" in College English Education [J] Modern vocational education, 2017 (35): 166.
- [2] Hu Xiaomin Research on cross-cultural practice of College English Intensive Reading Course under the background of informatization [J] Journal of Shandong Agricultural Engineering College, 2020,37 (4): 130-132.
- [3] Xu ronghua on the phenomenon and strategy of "local cultural aphasia" in foreign language teaching from a cross-cultural perspective [J] Regional governance, 2018 (24): 278.
- [4] Wang Deyi A study on the current situation of "Chinese Cultural Aphasia" in College English Education [J] Journal of Heilongjiang Institute of education, 2015 (3): 16-17.

Research on the Evaluation Method of Classroom Case Teaching in Colleges and Universities

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Abstract: With the continuous development of society, our country pays more and more attention to the quality of classroom teaching in colleges and universities. Case teaching evaluation can play a guiding function in teaching work. College case teaching evaluation includes case preparation, teaching process, and teaching effect. The focus of case preparation is on the quality and value of the case. The teaching process is to organize students to actively participate in teaching. The effect evaluation can understand the degree of knowledge mastery of the students. In the following, we will focus on the in-depth analysis of the evaluation methods of case teaching in colleges and universities in order to carry out case teaching activities efficiently.

Keywords: College Classroom; Case Teaching; Evaluation Method

1. INTRODUCTION

In the context of the new era, the market's demand for talents is increasing, requiring colleges and universities to pay attention to talent training, actively carry out basic curriculum training and theoretical mastery, cultivate students' innovative spirit and practical ability, etc., and focus on teaching evaluation based on case theory. , From case preparation to teaching effect, research and evaluation methods, make reasonable index design, and carry out case teaching activities efficiently through it. Compared with traditional teaching methods, case teaching method is helpful to achieve teaching goals. Scientific teaching evaluation can guide the entire implementation process of case teaching and achieve good teaching results.

2. EVALUATION OF TEACHING CASE PREPARATION

2.1 Case quality

Case quality mainly refers to the fit between the event context and the teaching content, and the scientific nature of the context description. Case quality evaluation helps teachers to carry out teaching activities in accordance with standards and make correct choices. Case quality evaluation includes case typical, difficulty, etc. The age of the case refers to the time when the case occurs. The age of the case should not be too long. It is best to keep up with current events and choose the hottest current event as the case to help mobilize students' enthusiasm. Case typicality refers to the fit between the case and the teaching content, requiring teachers to make scientific and reasonable choices. The difficulty of the case is convenient for the teacher to explain the students'

understanding, and the teacher should choose the case with moderate difficulty according to the actual situation of the student.

2.2 Case value

Case value can help teachers achieve the expected teaching effect. It can be divided into direct value and derivative value. Case value evaluation can help teachers to carry out case teaching activities in a targeted manner and maximize their value. The direct value of case refers to the explanation of vivid phenomena for students through case, helping them to understand better. The direct value of a case is based on typicality. The stronger the typicality, the more direct value can be realized. Case-derived value refers to cultivating students' innovative ability, logical thinking ability, etc., and using them to solve practical problems and improve students' comprehensive quality. The derivative value of a case has a certain connection with the difficulty of the case. The direct value is the basis of the derivative value, and the derivative value is reflected in the level of talent quality.

3. EVALUATION OF CASE TEACHING PROCESS

3.1 Teaching organization efficiency

The efficiency of teaching organization refers to the completion of teaching tasks in specific teaching activities and the achievement of teaching effects. The evaluation focuses on the completion efficiency and the effectiveness of teacher guidance. In actual case teaching, some students will enthusiastically discuss some cases, while some students are not interested in them and talk about deviations from the subject of this lesson. As a result, teachers cannot complete the teaching tasks within the specified time and fail to achieve the expected teaching effect. In the classroom, teachers should take students as the main body, act as activity guides, mobilize the enthusiasm of students to participate in case teaching activities, and think around cases. As an efficient teaching method, case teaching can reflect the status of students and give full play to the value of teachers. In the evaluation, it can reflect whether teachers provide guidance according to the needs of students. At the same time, teachers also need to predict what questions students will ask, and formulate teaching plans in advance.

3.2 Student participation

Student participation refers to the discussion around the knowledge and theories learned by the students. The characteristics of case teaching is that it is student-centered. It can give full play to the initiative of the students, guide them to think deeply about the knowledge learned in the classroom in combination with the case

situation, and improve the students. The enthusiasm for learning, in the process of discovering and solving problems, improve problem-solving ability. In order to achieve the teaching effect, teachers need to consider the participation of students in the evaluation of case teaching, carry out pre-class reading around the case, cultivate students' good study habits, and lay a good foundation for subsequent learning. Regarding the content of the case, organize students to discuss and make a record of classroom evaluation, including the quality and quantity of students' speeches.

4. EVALUATION OF CASE TEACHING EFFECT

4.1 The degree of mastery of students' professional knowledge

Knowledge is the basis for improving students' comprehensive abilities. Only after students have mastered sufficient theoretical knowledge can they develop other professional abilities on the basis of knowledge. Take the course of market research as an example. Only when students master various market research methods, advantages and disadvantages can they be combined with market research questions for research and application. It can be seen that case teaching needs to evaluate students' knowledge mastery while attaching importance to ability training [1].

4.2 Students' professional practical ability

With the increasingly fierce market competition, various enterprises have higher and higher requirements for the practical ability of talents. Colleges and universities should take the cultivation of practical ability as an important course. In case teaching, providing students with real situations corresponding to professional knowledge and encouraging students to use their professional knowledge to analyze is an effective way to cultivate students' practical ability and has certain advantages over traditional teaching methods. In case teaching, attention should be paid to the evaluation of practical ability, and effective evaluation of students' knowledge transfer ability and application ability from different angles [2].

4.3 Students' innovative ability

In the context of the new era, from enterprise competition to national competition, innovation ability is the key to victory. With the market's increasing demand for talents, innovation ability has become an important content of college classroom case teaching evaluation. Innovative ability mainly refers to the combination of existing knowledge and goals by the actors to propose solutions that break the norm. In classroom case teaching, teachers and students face the same case and have a unified learning goal. In this context, discussing and communicating around cases, proposing your own opinions, completing thinking collisions, and forming a shared thinking space is an important way to cultivate students' innovative ability, and it is also one of the advantages over traditional teaching methods. Teachers can increase the volume of questions through open-book examinations, and evaluate students' creative ability from

students writing cases outside of class [3].

4.4 Student communication skills

Communication is a basic skill in people's lives. Strong communication skills can improve work efficiency. The market also puts forward a high requirement for talents' communication skills. Case teaching can provide students with opportunities to exercise their communication skills. In case teaching, communication skills are taken as the teaching goal and included in the teaching effect evaluation indicators, including expression ability, written expression ability, etc. Teachers need to make teaching records and treat students Carry out accurate evaluation [4].

5. CONCLUSION

According to the above, in the context of increasingly fierce market competition, talents are the key to the country's victory, and the market has begun to put forward higher requirements for the overall quality of talents. As an important base for talent training, colleges and universities should undertake the important task of cultivating high-quality talents, reform the teaching model, keep up with the development trend of the times, and transmit more talents to the society. In the classroom teaching reform, the case teaching method has certain advantages. It has been recognized by teachers and students in colleges and universities, and has become the most commonly used teaching method. Guided by the case teaching evaluation method, it can improve student participation.

ACKNOWLEDGEMENTS

[1]2019 Undergraduate Teaching Reform Project of Hezhou University "Application and Reflection of Case Teaching of Introduction Under The Ideological and Political Philosophy of Curriculum";

[2]2021 Professor Scientific Research Start-Up Fund Project of Hezhou University: "Research on The Construction Path of Ideological and Political Integration of Universities, Primary and Secondary Schools"

REFERENCES

- [1] Yu Hongjian, Sang Weize, Hao Xinxin. Research on the evaluation method of case teaching in colleges and universities[J]. 2021(2017-5):48-51.
- [2] Wu Jun. A case study on the development and implementation of college classroom teaching evaluation standards: Taking M University as an example[J]. Higher Education Forum, 2020(1):30-34.
- [3] Li Xiuzhen. Case study of flipped classroom practice in Korean colleges and universities[J]. Coal Higher Education, 2019, 37(6):6.
- [4] Qi Yingying. A case study of college English classroom design under the blended teaching mode [D]. Shandong Normal University, 2019.
- [5] Zhao Tianrong. The theoretical and practical deviations in case teaching in Chinese colleges and universities[J]. 2021(2015-6):166-169.

Analysis on the Improvement and Development of University Funding System After All-Out Poverty

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Abstract: In the report of the 19th National Congress of the Communist Party of China, General Secretary Xi emphasized the impartiality of education. In the context of a comprehensive eradication of poverty, the university funding system should organically combine funding with education and carry out related work around talents. This article mainly studies the improvement and development of the funding system of colleges and universities in the context of a comprehensive poverty alleviation, and realizes the improvement and development of the funding system by continuously improving the funding level and improving the education system.

Keywords: Comprehensive Poverty Alleviation; Colleges and Universities; Funding System; Improvement and Development

1. INTRODUCTION

The key target of the university funding system is to ensure that students with financial difficulties in their families can maintain their basic lives and continue to complete their studies. There is a fundamental relationship with the training object, method and purpose of the university. Therefore, the funding system cannot simply stay. In terms of superficial financial aid, it is even more important to allow students to become useful talents to society because of the subsidies, and to change their destiny.

2. BASIC FUNCTIONS OF THE FUNDING SYSTEM

The current funding system of colleges and universities is mainly aimed at students who have difficulties in the education economy. It is common to use national student loans to convert students' expected future income into current investment. At the same time, students are required to take part of the responsibilities in order to motivate them to work hard and struggle continuously in the future study, and to ensure that they can get equal educational opportunities. At the same time, the funding system can support educated talents, ensure that educated persons with financial difficulties can successfully complete their studies, and receive a certain sense of belonging and love, and ensure their healthy psychological growth. Support is not only economic help, but also to create an equal education environment for them, to establish a unique interactive relationship between teachers and poor students, so as to improve the quality of education [1].

3. IMPROVEMENT AND DEVELOPMENT OF COLLEGE FUNDING SYSTEM AFTER POVERTY ALLEVIATION

3.1 Refine the details

After entering the school, freshmen should collect and understand the basic information of their family situation to ensure the authenticity of the information. It can take the form of a combination of various ways, such as students voluntarily disclosing their family situation, submitting in written form, and providing certificates from the government, together as relevant materials for poor students. For students with special families, counselors should conduct in-depth investigations, verify the situation through various forms, and evaluate the poverty of their families based on the students' performance in the future.

In addition, give full play to democratic review. In normal teaching work, we must establish a fair class atmosphere to avoid the problem of improper means to obtain funding resources. In the specific work, in the case of voluntary, before asking students to publicly state their family situation, the counselor should do a good job in protecting the privacy of students, and appropriately control the selection atmosphere, and maintain the order of praise selection activities. At the same time, proper evaluation and analysis of the fairness and fairness of the selection results should be carried out to distinguish poor students from those in extreme difficulties, and the selection results should be verified and publicly announced based on the situation they have known.

After the selection work is completed, the series of work for obtaining funding resources should be perfected, especially the supervision and reporting links after the resources have been obtained, should be detailed. For students whose family financial situation has improved significantly, they should stop receiving financial aid. Students who squandered or wasted arbitrarily after receiving the subsidy shall be recovered and given certain punishments, and they shall be prohibited from receiving the subsidy in the future.

3.2 Parallel funding and education

College education is a kind of comprehensive education content, which not only guarantees students' learning, but also cultivates students' integrity and morality, and carries out aspirational education. Since the national student loan is an unsecured low-interest loan, in recent years, many college students have refused to repay the loan after graduation, reducing the enthusiasm of banks to lend. This behavior has also had a great negative effect. Therefore, especially for poor students, it is necessary to strengthen the integrity education for them. This is not only related to the issuance and repayment of loans, but also to college

students' values, outlook on life, and their future development.

The difficulties faced by college students in school are only temporary, but in the future they will shoulder the important tasks of the country, and they need to contribute their value to the motherland and become a talented person who is useful to society. However, due to the economic deprivation of poor students, they often have psychological, character, and moral problems. As a college counselor, you must not only take care of the students' lives, but also care about their psychological problems, guide them in morality, character and other aspects, cultivate them to establish lofty ideals, care about the society, enhance self-confidence, and become a student Talent of the pillar.

In addition, we must also care about the psychological problems of poor students. Many poor students have a wrong understanding of poor life. Coupled with the influence of their families, they are prone to over-acquisition due to poverty, forming a bad comparison psychology, and even treating poverty as a shame and funding as pressure. Many impoverished students pay too much attention to their achievements, forming poor personalities such as low self-esteem and over-heartedness. Subsidy work is not only about financial aspects, but also needs financial aid for students. For example, provide students with work-study channels, provide independent work opportunities, complete their studies through their own strength, reduce financial burdens, and continuously enhance students' self-confidence and self-esteem [2].

Compared with financial aid, psychological aid is more important. Counselors should pay attention to the mental state of poor students, help them face the word poverty correctly, face difficulties, and prevent their existence and the formation of mental illness. It is necessary to guide them to establish a correct outlook on life and values, cultivate a self-reliant and self-confident personality, and actively participate in a colorful university life, instead of excessively pursuing economic sources, turning work-study and studying upside down, and wasting good things in vain. College life.

3.3 Create a good funding environment

Funded education should be carried out in a good environment. Colleges and universities should integrate resources and create a favorable campus cultural environment in a positive ideological realm.

Build a platform for funding education and create a positive ideological environment. Colleges and

universities should carry out diversified activities and ensure the effectiveness of subsidized education in the funding education platform, so as to achieve the further development of college students and form a good character of self-improvement and self-improvement. For example, carry out love practice activities to stimulate students' gratitude, form a grateful character, feel the happiness brought by helping others, and let them feel the warmth brought by being helped in a strong helping atmosphere.

Carry out honesty education and enhance the connotation of helping others. Colleges and universities should attach importance to the creation and creation of a culture of honesty, and actively use broadcasting, new media, official accounts and other platforms to create an honest campus atmosphere. In daily teaching activities, organize moral promotion activities, organize various activities in a way that college students like, and attach importance to the cultivation of honesty, so that the funded students can have an honest personality and quality. At the same time, the organization of activities should also practice patriotism, and guide students to repay the school and the society when they have achieved success in their studies, have a strong sense of social responsibility, contribute to the country, and form a healthy character and personality.

4.CONCLUSION

To sum up, after the poverty alleviation, the improvement of the university funding system should develop in the direction of integrity, self-confidence, good character and quality. Attach importance to the cultivation of students' psychological aspects, help them establish a correct outlook on life and values, and at the same time encourage them to repay the motherland, society, and school to be a useful talent for society.

REFERENCES

- [1] Zhang Lin, Bian Heping. The ideological and political education function of college student financial aid system and its realization path [J]. Journal of Heze University, 2021, 43(04): 70-73.
- [2] Ouyang Yuancong, Shi Xinbo. The practice and thinking of funding education under the perspective of Lide Shuren--Taking Shaanxi University of Traditional Chinese Medicine as an example [J]. Research and Practice of Medical Education, 2021, 29 (04): 619-622.

Countermeasures for Strengthening the Construction of Discipline Inspection Team in Colleges and Universities

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Abstract: Based on the actual situation, in the current society, the construction of discipline inspection teams in colleges and universities is one of the important basic tasks in the work of anti-corruption and clean government construction in colleges and universities. At this stage, most colleges and universities have some obvious negative problems when implementing the construction of discipline inspection teams, which makes it difficult to fully meet the actual needs of colleges and universities for anti-corruption and integrity promotion in the new era. To this end, colleges and universities should carry out in-depth investigations into these types of issues and actively explore countermeasures for the construction of discipline inspection teams, so as to effectively improve the efficiency of their own discipline inspection teams, and provide more adequate guarantees for the realization of their own healthy development goals.

Keywords: Colleges and Universities; Discipline Inspection Team; Construction; Countermeasures

1. THE NECESSITY OF BUILDING A DISCIPLINE INSPECTION TEAM IN COLLEGES AND UNIVERSITIES

1.1 Realistic requirements for the complication of corruption cases in colleges and universities in the new era In the process of the continuous development of universities, the subjects of internal corruption have gradually expanded from a single financial department to various departments within the university. This has made the university admissions office and scientific research office gradually become the high incidence of corruption in universities. At this stage, in the context of the continuous strengthening of my country's anti-corruption work, corruption in colleges and universities has become more and more hidden and diverse. For example, some department managers use the name of college students to falsely claim scientific research funds, use false invoices to reimburse personal expenses, etc. The emergence of such problems not only seriously affects the social image of colleges and universities, but also severely restricts them. The development efficiency of my country's education. This shows that the construction of discipline inspection teams in colleges and universities is very necessary [1].

1.2 The primary task of improving the combat effectiveness of the discipline inspection team in colleges and universities

Based on the actual situation, the discipline inspection team of colleges and universities is the front-line

combatant in the anti-corruption and integrity work of colleges and universities. When carrying out related work, the discipline inspection team of colleges and universities not only faces the severe challenges and tests brought by the anti-corruption work, but also has to deal with all kinds of temptations. In the struggle, under normal circumstances, the existence of these factors can easily shake the work belief of the discipline inspection team in colleges and universities, causing them to lose their professionalism under the temptation of interests. To this end, colleges and universities need to strengthen the discipline inspection team's party spirit and willpower through the development of construction work, and lay a solid foundation for the improvement of their anti-corruption and integrity fighting capabilities, so as to effectively reduce the probability of corruption in colleges and universities. The healthy development of my country's college education has laid a solid foundation.

2. PROBLEMS IN THE CONSTRUCTION OF DISCIPLINE INSPECTION TEAMS IN COLLEGES AND UNIVERSITIES

2.1 Lack of professionalism

At this stage, the discipline inspection teams of most universities still use traditional work methods to carry out disciplinary inspection work. The emergence of such phenomena makes it difficult to meet the actual needs of the discipline inspection work of colleges and universities in the new era in terms of professionalism. This has led to the emergence of documents to implement documents and other negative issues. Secondly, because the discipline inspection cadres of colleges and universities usually work in the same position for a long time, and some colleges and universities pay more attention to the professional knowledge training activities for the discipline inspection team, the professional quality of the discipline inspection team in colleges and universities is always difficult to effectively improve, and finally It has negative problems such as the decline of professional quality and the aging of the team composition, which seriously restricts the overall efficiency and quality of the discipline inspection work in colleges and universities [2].

2.2 Imperfect management system

In the current society, most colleges and universities have problems such as a small number of full-time discipline inspection staff, complex organizational relationships, and complicated work content, which makes it difficult for discipline inspection staff to concentrate on the discipline inspection work. Under the social background of increasingly concealed and diversified corruption

incidents in colleges and universities, the work pressure faced by the discipline inspection teams in colleges and universities has been continuously increased. However, many institutions in the construction of discipline inspection teams in most colleges and universities are often unable to meet the needs of the discipline inspection work carried out by colleges and universities. The actual demand, coupled with the imperfections of the reward mechanism and the supervision mechanism, has caused many shortcomings in the construction of the discipline inspection team in colleges and universities, which severely restricted the function of the discipline inspection team in colleges and universities.

3. COUNTERMEASURES FOR THE CONSTRUCTION OF DISCIPLINE INSPECTION TEAMS IN COLLEGES AND UNIVERSITIES

3.1 Pay close attention to ideological education and strengthen the sense of responsibility

When colleges and universities develop discipline inspection teams, they must first attach importance to the development of ideological construction work. Based on the actual situation, the development of ideological construction work is in essence to improve the discipline inspection staff's party spirit. Be able to strengthen one's own beliefs and political direction, and be proud of their own job responsibilities. Secondly, when colleges and universities use ideological education to develop discipline inspection teams, they need to continuously strengthen their own integrity education activities, so as to effectively improve the ability of the discipline inspection team's fifth external temptation, and make it truly do a good job. Be strict with yourself. Finally, colleges and universities need to strengthen the sense of responsibility of the discipline inspection team, so that it can focus on the overall development of the school, and give full play to its role as an example among faculty, staff and students, and ultimately contribute to the construction of anti-corruption and clean governance in colleges and universities. Lay a solid foundation for effective development.

3.2 Build a professional and innovative team

In addition to carrying out ideological education work for the discipline inspection team, colleges and universities also need to pay attention to the improvement of the professional literacy ability of the discipline inspection team, so that it can fully improve its own discipline inspection work level on the basis of fully clarifying its own work responsibilities, and integrate the theoretical system. While implementing it in practical work, we will continue to accumulate experience in practical work, so as to provide a more adequate guarantee for the improvement of our own work ability. Secondly, colleges and universities need to carry out professional skills training for discipline inspection personnel, organize discipline inspection staff to participate in professional knowledge competitions and other professional learning activities, so that they can actively participate in professional skills training activities while further increasing their reserves of discipline inspection expertise. In the end, while effectively exercising its business capabilities, it truly

becomes a professional university discipline inspection team with good ideas and firm professional beliefs [3].

3.3 Improve the execution of the anti-corruption system of the discipline inspection team in colleges and universities. When enhancing the implementation of the anti-corruption system of the discipline inspection team, the first thing universities need to do is to improve their own power supervision mechanism, and do a good job in improving the system and integrity of related systems, so as to promote the discipline inspection team to be restrained by the relevant system. Under standardize their own discipline inspection work behavior. Secondly, colleges and universities also need to pay attention to the application of supervision forms such as open supervision and transparent supervision, and strictly prohibit some rights that are not exercised on the basis of relevant institutional systems. Third, the leading departments at all levels within universities need to correctly recognize the important value of disciplinary inspection work and intuitively accept the supervision of the disciplinary inspection team. In addition, the discipline inspection cadres must fully clarify the scope of their own responsibilities, and at the same time give full play to their leading role in the discipline inspection work. Finally, colleges and universities need to continue to strengthen their own anti-corruption and integrity promotion work, and guide staff in various positions to participate in the disciplinary inspection work, so as to effectively improve their own disciplinary inspection and supervision network system in the process of expanding the supervision channels, so as to fully. While improving the discipline inspection work team system, it also lays a solid foundation for the efficient development of discipline inspection work in colleges and universities.

4. CONCLUSION

To sum up, in the process of continuous development of my country's social and economic system, the work pressure faced by colleges and universities in the actual implementation of discipline inspection work has also been continuously increased. For this reason, colleges and universities need to pay attention to the development of discipline inspection team construction. Through the development of discipline inspection team construction, while effectively enhancing the awareness of disciplinary inspection staff's work responsibilities, it also provides a more adequate guarantee for the effective development of anti-corruption work in colleges and universities.

ACKNOWLEDGEMENTS

A Study on The Internal Supervision Mechanism of Discipline Inspection Commission in Colleges and Universities From The Perspective of Strict Governance of The Party 2018B32214.

REFERENCES

- [1] Jia Shubin. Talking about the problems and countermeasures in the construction of discipline inspection and supervision cadres in colleges and universities under the new situation [J]. Talent, 2019(19): 175.
- [2] Yu Ying. Research on the construction of grass-roots

discipline inspection and supervision cadre team under the background of strict governance of the party [D]. Nanhua University, 2018.

[3] Hou Dasen. Countermeasures for the role of secondary discipline inspection organizations in colleges and

universities and the improvement of their ability to perform duties[J]. Legal System and Society, 2021(16): 106-107.

Research on the Cultivation Model of Applied Innovative Talents of Cloud Computing in Higher Vocational Colleges

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Abstract: Cloud computing is an important part of my country's higher vocational education. With the rapid development of Internet information technology, cloud computing has gradually shown important roles and advantages, including talent cultivation, talent demand, and talent quality. and this needs to recognize the importance of cultivating cloud computing application-oriented innovative talents in higher vocational colleges, and it should be able to gradually improve and perfect the cloud computing application-oriented innovative talent training model. This article analyzes and discusses specific strategies for cultivating innovative talents for cloud computing applications in higher vocational colleges for the reference of relevant personnel.

Keywords: Higher Vocational Colleges; Cloud Computing; Application-Oriented; Innovative Talents; Training Mode; Inquiry

1. INTRODUCTION

Cloud computing application talents are an important part of the big data industry and the information industry artificial intelligence industry, and they are also the main driving force for the development of the industrial field. In education and teaching, it is necessary to cultivate students' professional quality and ability, so that students can master professional knowledge, have network architecture planning, design ability, project planning ability, project implementation ability, platform maintenance ability, etc. Vocational college students not only need to master the knowledge and skills of software development, operation and maintenance, but also understand the development and needs of other industries, so as to be able to conform to the trend of social development and adapt to the needs of industrial transformation. Nowadays, some higher vocational colleges have opened cloud computing majors, but different colleges and universities have certain differences in the cognition of cloud computing-related knowledge and educational goals, so the cultivation of talents needs to strengthen the training model of innovative talents.

2. IMPROVE THE CULTIVATION MODEL OF INNOVATIVE TALENTS

The cultivation of innovative talents for cloud computing applications in higher vocational colleges requires the introduction of advanced educational concepts, the training of skilled talents and talents with innovative and creative thinking. It is more important to improve the professional quality and teaching ability of teachers in specific education [1].

In terms of the cultivation model, it is necessary to closely focus on the project and establish an integrated teaching system of teaching, learning and practice through the project as a guide to promote the development and implementation of practical teaching. Through school-enterprise cooperation with enterprises, the practical application of enterprises can be introduced into teaching, so that practical training content can be integrated into teaching content, thereby presenting the effective implementation of work-study alternation and internship teaching, and promoting the gradual improvement of the school-enterprise cooperation model.

In the cultivation of applied innovative talents, it is necessary to actively cultivate cloud computing engineers and maintenance talents who are proficient in professional knowledge. Students will gradually master the knowledge of design, research and development, planning, installation, and maintenance after hands-on operations, and be scientific and reasonable according to specific requirements. Configure the cloud computing platform and optimize the cloud computing system, so as to provide enterprises, institutions or government departments with cloud computing system related services, including design, planning, installation, maintenance, etc., and be competent for cloud computing service positions, software research and development positions, School cloud computing platform network management positions and other job responsibilities.

3. PROMOTE INDUSTRIAL INTEGRATION AND CLARIFY THE DIRECTION OF EMPLOYMENT

First of all, it is necessary to clarify the training direction for cloud computing talents, with the main purpose of increasing the employment rate of students and assisting students in obtaining employment. The training of talents in higher vocational colleges needs to conform to social development trends, and clarify the development situation and future development trends of related industries, promote industrial integration, and improve the education system related to the development of supporting industries, so as to ensure that the talents cultivated and transferred meet the development of corporate management. need.

Therefore, for the construction and improvement of the teaching professional planning system, students should be assisted in applying the knowledge they have learned to practice, promoting the organic combination of teaching and learning, and achieving the ultimate goal of applying what they have learned.

In addition, in the process of school-enterprise cooperation, it is necessary to cooperate with enterprises

to promote joint school running and establish a teaching system to ensure that students smoothly enter the enterprise for internship or employment after graduation, and provide favorable conditions for student employment. School-enterprise cooperation should be actively promoted to jointly cultivate high-level and high-quality teaching talents. Schools can hire cloud computing engineers as teachers, and companies can also hire teachers to participate in enterprise practical production activities, and participate in production, research and development, development, and maintenance. In order to cultivate teaching talents with professional knowledge and professional skills.

4. IMPLEMENTATION OF A HIERARCHICAL TRAINING TEACHING MODEL

Firmly resolute the transformation of teaching concepts and the reform and innovation of teaching models, with the main purpose of improving teaching efficiency and quality, and improving traditional teaching models. According to the actual situation of students at different levels, we will implement talent training, enhance the effect of professional teaching, and gradually improve the quality of talent cultivation [2].

For the training of application-oriented innovative talents, it is necessary to recognize the types of positions, including maintenance engineers, service engineers, and test engineers, and to improve the teaching content and teaching mode on the basis of fully grasping the students' interests and hobbies and the students' software development capabilities. The characteristics of college students cultivate students' practical and hands-on operation ability, assist students to master cloud computing knowledge, thereby enhancing students' comprehensive practical application ability.

5. FLEXIBLE INTRODUCTION OF ENGINEERING PROJECTS

The essential core of the advanced education model is to be able to introduce engineering projects and integrate them into education and teaching work with the project as the basis and basis.

At present, cloud computing is in a situation of continuous development, and the training system and mode of related professional talents are not mature enough. For this, it is necessary to improve practical teaching on the basis of clarifying the direction and goals of talent training, including basic knowledge teaching, professional skills teaching, and practical training. Teaching etc. According to the professional teaching direction, the practice teaching base shall be established under the requirements of the school-enterprise cooperation training mode, which mainly includes practice teaching enterprises, practical training bases, etc. Practical teaching companies need to develop practical ability training and engineering project teaching, and establish practical training bases including on-campus practice bases and off-campus practice bases. Through the implementation of practical training and teaching, students' learning awareness will be gradually improved, and students' practical application ability will be exercised. Therefore, the flexible introduction of

engineering projects will help improve the school-enterprise cooperative teaching model and create a more mature on-campus and off-campus training base to meet the needs of the job.

6. INNOVATIVE CURRICULUM TEACHING SYSTEM

The training of cloud computing application-oriented innovative talents in higher vocational colleges requires the establishment of a mature and complete platform and a clear direction for education and training. With this idea, it is possible to better meet the teaching needs of higher vocational colleges and the needs of corporate talents.

The establishment of a platform requires students to master professional basic knowledge and professional skills, which are the basis and prerequisites for students' future learning and practical application.

In addition, active innovation is needed in the curriculum teaching system. At this time, companies can be guided to actively participate, jointly develop teaching content, and actively and flexibly introduce companies' specific needs and practical scenarios for talents, so as to meet the needs of talent application [3].

7. CONCLUSION

In summary, higher vocational education is an important part of my country's education. The training of cloud computing professionals in higher vocational colleges needs to conform to the trend of social development and meet the needs of social development and enterprises. Therefore, this requires higher vocational colleges to gradually improve and improve the cloud computing application-oriented innovative talent training model, and adopt effective strategies, including improving the innovative talent training model, promoting industrial integration, clarifying the employment direction, implementing a hierarchical training teaching model, and flexibly introducing Engineering projects, innovative curriculum and teaching systems, so as to gradually improve the talent training model, improve the efficiency and quality of talent training, and make an important contribution to the country and society in sending high-level and high-quality cloud computing technology talents.

ACKNOWLEDGEMENTS

2012-2014 Shandong Province Higher Vocational Colleges Computer Public Teaching Reform Project Topic: Based on Professional Ability Training Computer Culture Basic Curriculum Construction Discussion.

REFERENCES

- [1] Yu Xiao, Hu Chengsong. The construction of applied technology-oriented computer professional curriculum group for cloud computing talent training [J]. Information Technology and Informatization, 2015 (3).
- [2] Liao Daqiang. Multi-objective-oriented cloud computing resource scheduling algorithm [J]. Computer System Applications, 2016, 25 (2).
- [3] Huang Ni Ni. Research on the training model of computer talents in vocational colleges under the mode of school-enterprise integration[J]. Communication World, 2017(3).

The Function of Affective Factors in Higher Vocational Physical Education and Its Implementation Strategies

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Abstract: As an important part of the teaching work in higher vocational colleges, physical education plays an important role in enhancing the physical quality of students and reducing the pressure on students to study. However, it is worth noting that the current higher vocational physical education teachers in our country do not fully understand physical education in their actual work. They pay less attention to their emotional functions and ignore the role of emotional factors. In this case, physical education teaching The level of work development is low. Under the current situation, emotional factors have received increasing attention in higher vocational physical education. In this case, relevant personnel should pay attention to research and analysis of the role of emotional factors in higher vocational physical education and implementation strategies to help physical education. Teachers better carry out follow-up work to protect students' physical and mental health.

Keywords: Higher Vocational Colleges; Physical Education; Emotional Factors; Effects; Implementation Strategies

1. INTRODUCTION

At this stage, physical education teachers in higher vocational colleges in our country have gradually realized the role of emotional factors in physical education in their work, and actively tried to implement emotional factors in their work, in order to improve the level of Chinese teaching and adjust students' psychology through physical education. State, eliminate students' negative emotions. However, it is worth noting that due to outdated teaching concepts and poor teaching ability, the implementation of emotional factors in higher vocational physical education is not ideal, and it is difficult to give full play to its role. There is still a lot of room for improvement in the level of physical education. This article starts with the effect of emotional factors in higher vocational physical education, analyzes its implementation strategies, and hopes to provide a reliable basis for the adjustment of follow-up teaching plans for physical education teachers in higher vocational colleges.

2. THE ROLE OF AFFECTIVE FACTORS IN HIGHER VOCATIONAL PHYSICAL EDUCATION

2.1 Improve teacher-student relationship

Applying emotional factors in the physical education process of higher vocational colleges can effectively improve the relationship between teachers and students. Under the current situation, physical education teachers

should not only focus on the learning of students' theoretical knowledge and the improvement of their physical fitness in the teaching process. They should pay attention to high-quality communication with students during the teaching process, and build a good teacher-student relationship to ensure that Efficient and orderly development of physical education teaching. Applying emotional factors in the teaching process has significantly enhanced students' trust in teachers. Students can study in strict accordance with the requirements of teachers and have high expectations for physical education. In this case, the efficiency and quality of physical education can be obtained. Significant improvement [1].

2.2 Improve classroom teaching effect

The development of physical education in higher vocational colleges can enhance the physical quality of students, reduce the pressure of students in the learning process, and have a great help to the physical and mental health of students. Applying emotional factors in the process of physical education, teachers can better guide and encourage students, students can build strong confidence, and gradually develop good learning habits, and then always maintain a good spirit in the process of physical education State, the effect of physical education teaching can be effectively optimized.

2.3 Regulate the psychological emotions of students

Under the current situation, the society's requirements for talents are constantly improving. Higher vocational students are under greater pressure in study and employment, and are more likely to have psychological fragility and extreme personality. In this case, physical education teachers should pay attention Apply emotional factors in the teaching process, actively communicate with students, analyze students' mentality, ensure that they can understand the changes in students' emotions in a timely manner, guide students, and open students' hearts, so as to give full play to the emotional function of physical education work , To eliminate the negative emotions of students, to ensure that students can maintain a positive and optimistic attitude in learning, work and other aspects.

3. THE IMPLEMENTATION STRATEGY OF AFFECTIVE FACTORS IN HIGHER VOCATIONAL PHYSICAL EDUCATION

3.1 Teachers should pay attention to care and care for students

In the implementation of emotional factors in higher vocational physical education, teachers should fully understand the role of emotional factors, pay attention to care and care for students, in order to win the recognition

and trust of students. In actual work, teachers should pay attention to analyzing the emotions and mentality of students to ensure that they can fully grasp the specific situation of each student, adopt targeted emotional education programs for students in the process of physical education, and improve the pertinence and scientific nature of physical education. , Strengthen the influence on students' emotions. In addition, teachers should pay attention to asking students' demands and feelings in their work, provide them with professional guidance and help, improve physical education teaching based on students' feedback, and ensure that students can feel the teacher's respect and care [2].

3.2 Attach importance to communication between teachers and students

In traditional physical education teaching, there is less communication between teachers and students, and the relationship between teachers and students is more tense. Therefore, in order to give full play to the emotional function of physical education in higher vocational colleges, physical education teachers should pay attention to strengthening communication with students in their work, innovating their own teaching concepts, thinking about problems from the perspective of students, and building a good teacher-student relationship. To better stimulate students' enthusiasm for participating in physical education, and to ensure the high-quality development of physical education. Paying attention to the communication between teachers and students can strengthen the emotional communication between teachers and students. Students can have emotional resonance with teachers in the process of physical education, and teachers can influence students' thoughts in the teaching process, and students' emotions can be Effective regulation is obtained in the process of physical education.

3.3 Pay attention to encouragement to students

In the process of physical education, if the physical education teachers of higher vocational colleges want to give full play to the role of emotional factors, they should pay attention to encouraging students and expressing their appreciation to them, so as to improve students' sense of accomplishment and gain in the learning process. feel. In actual work, teachers should evaluate the performance of students in sports, and adopt different evaluation standards for students of different levels, affirm the progress made by students, and avoid criticism of students as much as possible in order to use them in the physical education class. Create a good atmosphere in teaching to stimulate students' enthusiasm for learning.

3.4 Maintain an equal and fair teaching psychology

In the process of physical education, physical education teachers in higher vocational colleges should maintain an equal and fair teaching psychology, and correctly treat the differences in students' physical fitness, learning ability, personality, etc., and cannot treat students differently, so

as to establish a good relationship with students The relationship between physical education and the emotional function of physical education. If physical education teachers want to ensure that emotional factors can give full play to their positive effects, they should pay attention to treating students equally and equally, not treating students differently according to their own preferences, and ensuring that physical education teaching can be recognized and affirmed by every student [3].

3.5 Combination of love and strictness, strength and softness

Physical education teachers in higher vocational colleges should adhere to the principle of combining love and strictness, combining rigidity and flexibility in their work. They should not restrict students too much during the teaching process, nor allow students to learn independently. Students should be properly regulated and regulated. Guide, adhere to one's own professional ethics, be strong and flexible in student management, eliminate students' resistance to teaching, and help students to better carry out learning, so as to ensure that the positive effects of emotional factors can be fully brought into play.

4.CONCLUSION

In summary, the implementation and application of emotional factors in higher vocational physical education can effectively improve the relationship between teachers and students, regulate the psychological needs of students, and play an important role in enhancing the effect of classroom teaching. Under the current situation, physical education teachers in higher vocational colleges should fully recognize the role of emotional factors, and actively practice and try in their work, pay attention to care and care for students, pay attention to the exchanges between teachers and students, and encourage students. Maintain an equal and fair teaching psychology in the teaching process, adhere to the principle of combining love and strictness, and combining rigidity and softness to ensure that emotional factors can give full play to their role in physical education, improve the level of physical education, and ensure that students in higher vocational colleges Physical and mental health development.

REFERENCES

- [1] Guo Yunhua. The role of affective factors in higher vocational physical education and its implementation [J]. Contemporary Sports Science and Technology, 2018, 8(33): 66+68.
- [2] Xie Cheng. Research on the Application of "Double-cue Teaching Model" in the Teaching of Track and Field Courses in Higher Vocational Colleges [D]. Hunan University of Science and Technology, 2020.
- [3] Qiu Guanqun. Research on the application method of affective effect in college physical education [J]. Contemporary Sports Science and Technology, 2020, 10(31): 183-184+187.

Practice of Inquiry Teaching Method in Higher Vocational Physical Education

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Abstract: Higher vocational college education is one of the main components of our education system, and physical education is a key part of education. With the development of the times, sports courses have received more and more attention from people, and its teaching mode is gradually deepening reforms. Facts have proved that inquiry-based classroom teaching can greatly improve students' exercise level. It is the best application strategy for physical education courses in higher vocational colleges. How to optimize and perfect teacher education needs in-depth consideration.

Keywords: Higher Vocational Education; Physical Education; Inquiry Teaching Method

1. THE CONCEPT OF INQUIRY TEACHING

As the name suggests, inquiry-based teaching is also a brand-new teaching concept. The teacher throws up questions during the classroom and provides students with a number of cases, guiding students through observation and reflection, discovering difficult and confusing problems, and finally getting the correct answer through independent thinking. Teachers based on the curriculum, scientifically and rationally arrange the curriculum that is consistent with the content of the students' development, so as to achieve a leap in the classroom effect.

2. CHARACTERISTICS OF INQUIRY-BASED TEACHING

In the education process, students are regarded as the main body, teachers care for individual students and guide students to think independently, while students change their learning process of passive absorption, actively discover new problems, explore problems and solve problems. Autonomy fully reflects the willingness of students to actively participate in the education process, which is also a point of progress for inquiry-based education. Practical performance is that teachers set up corresponding outdoor activities, which are the main components of inquiry-based courses. Teaching activities need to be created according to the needs of learners' self-development, and should not be too difficult or easy. Process education is mainly manifested in the learning process of students and the classroom process of teachers. In this process, the importance of teachers guiding students to pay attention to the process is far greater than the result. Students cannot simply seek the final victory, but should emphasize the experience and perception during the activity. Therefore, the teacher should not stick to the rules and should break through the traditional concepts and choose the appropriate method. Student practice methods are also quite diversified. In addition to the teaching tasks specified by the teacher in the physical

education curriculum, students can also choose to jog, basketball, football and other sports in their leisure time after school, in the process of sharing the joy of sports, Gradually deepen the understanding and absorption of sports common sense. In the inquiry-based teaching model, it is not only a win-win situation between students and teachers, but also a win-win situation between teachers and students, students and students. It improves the professional quality of teachers in the classroom and allows students to gradually improve their level in learning. Get a lot of room to play [1].

3. THE STATUS QUO OF HIGHER VOCATIONAL PHYSICAL EDUCATION

Higher vocational education is the abbreviation of China's higher vocational education. Because higher vocational education emphasizes the training of vocational quality, it lays a good foundation for students to find suitable jobs in the society. However, at present, physical education in many higher vocational colleges is still not paid attention to. The curriculum setting is not complete, the school sports facilities are backward, and the teaching funds are insufficient. Therefore, it is urgent to rectify the physical education curriculum system, reform the operation style, and reform the management method, and allocate the corresponding funds to the physical education curriculum. Physical education teachers should also change the current outdated teaching mode, focus on cultivating students' new breakthrough ability in physical fitness, and improve their academic ability[2].

4. PRACTICE OF INQUIRY TEACHING METHOD

First, teachers must think repeatedly in teaching activities, and only reflection can make progress. In order to use the inquiry-based teaching method, teachers should take the curriculum objectives and teaching plans as the basis criteria, put forward teaching tasks according to the cognitive level of learners, and ask creative questions, so as to fully mobilize learners' learning and confidence in questions and solutions. It should also be used to simulate situations, or actually create situations, to provide scenarios for using exploratory teaching methods, and to allow students to exercise freely, so as to better enter the state of physical education activities. For example, in the education course of basketball three-step layup, the teacher may ask questions. For example, does the three-step layup refer to a vertical layup or a side layup? Students can think about it while imitating the layup posture, and finally The teacher demonstrates that this method can fully mobilize the students' interest in inquiry, make them more willing to learn, and at the same time obtain the pleasure of learning. After the training, the teacher can also actively organize the same table in the

class to carry out a three-step shooting competition. Using the ball game as the media, under the pressure of competition, the students' enthusiasm for practicing the three-step layup is greatly improved. on this basis, students can achieve the improvement of practical and actual combat abilities, and obtain better teaching effects than expected, so as to give play to the effects of inquiry-based education.

Second, as the inquiry education gradually penetrates into the curriculum, physical education teachers should adopt a creative teaching model and actively organize students to face difficulties in the curriculum in order to achieve mutual benefit and win-win results. For example, a higher vocational physical education teacher organizes students to carry out group teaching, and sets up competitions in groups. Students in groups, gather strength for group benefits and do their best, not only can encourage students to make in-depth explorations of problems and achieve faster The teaching effect is expected, and the friendship with peers can be further deepened, so as to achieve the goal of win-win cooperation. However, knowledge and practice promote each other, and knowledge alone is not sufficient. It must be thoroughly mastered with the help of practice. For example: In the 4×100 link of a sports competition held by the school, the teacher can divide the vocational students into 4 teams according to their own ability level, so that each student can understand the running skills, and can also fully cooperate in the race. It not only exerts the maximum level of the students themselves, but also exerts the value of cooperation. This teaching model can not only improve the collective self-confidence of secondary vocational students, but also allow them to get a sense of collective identity. It not only increases the benefits of cooperation between groups, but also maximizes the benefits of students themselves, which fully reflects the win-win cooperation. It is one of the best ways to reflect in inquiry-based education.

Third, an inquiry-based classroom teacher should also pay attention to the interaction with the students. In the teaching process, when the students encounter difficulties, the teacher should also be willing to interact with the students. The teacher not only pays attention to the students from the perspective of the elderly, but also We

should also care about and understand students from the perspective of classmates and friends, so that students can experience the warmth of the school. The teacher helps and guides the students to this level, which helps the students overcome difficulties, and also makes the students have the courage to ask the teacher questions and answer correctly, thereby improving themselves. Since the communication between classmates accounts for most of the time, students should also pay attention to the way of communicating with others, such as being able to share learning experience with others, but also being able to selectively master the learning advantages of others, thereby changing their own vices. Communicating with classmates can not only enhance friendship, but also understand yourself more clearly, so that you can make progress together in the learning process. This communication method can not only improve the school's knowledge reserve, promote the school's communication emotion, but also improve the professional quality of school teachers, and also realize their certain life value[3].

5.CONCLUSION

To sum up, the inquiry teaching is a major breakthrough in the physical education curriculum of China's higher vocational colleges. In order to optimize the teaching conditions and maximize the educational value of the inquiry teaching, the physical education teacher department of my country's higher vocational colleges will Students will further cultivate their teaching ability and professional quality, and actively guide them, and strive to cultivate talents in social needs as soon as possible.

REFERENCES

- [1] Guo Huajun. Practice of Inquiry Teaching Method in Higher Vocational Physical Education[J]. Rural Economy and Technology, 2019, 30(24):277-278.
- [2] Chen Shuangshuang. Practical analysis of inquiry teaching methods in higher vocational physical education [J]. Taste Classics, 2020(07): 141-142.
- [3] Tian Ye. A Brief Discussion on Inquiry Teaching Method in Higher Vocational Physical Education[J]. Chinese and Foreign Entrepreneurs, 2019(14):184.

Analysis on the Safety Problems of Tunnel Engineering Management and Countermeasures

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Abstract: Tunnel construction is an important part of the construction of railways, highways and bridges. In recent years, with the vigorous advancement of infrastructure construction in my country, the number of tunnel projects has increased and the quality of tunnel construction has been greatly improved. However, tunnel construction has the characteristics of high complexity and difficulty in construction, so there are more potential safety hazards and safety problems. This article first explains the common security problems in tunnel engineering management and proposes relevant countermeasures.

Keywords: Tunnel; Engineering Management; Safety Issues

1. INTRODUCTION

Tunnel engineering not only has a huge amount of construction, but it is also susceptible to interference from terrain, landforms and many other factors during the construction process. Therefore, the construction is more difficult and faces more safety problems [1]. On the one hand, the safe construction of tunnel engineering is related to the construction progress and overall quality of the tunnel engineering project, and it also indirectly affects the safety of national property and the lives of workers. Therefore, how to ensure the safety of tunnel construction and reduce the occurrence of safety problems has always been the focus of construction enterprises, which reflects the core competitiveness of enterprises to a certain extent.

2. COMMON SAFETY PROBLEMS IN TUNNEL CONSTRUCTION

2.1 Gushing water

Water gushing is more common in tunnel construction, which mainly refers to that the groundwater in the aquifer is subjected to head pressure and other pressures, and it breaks through the resistance factors and quickly gushes into the tunnel in large quantities [2]. In the process of water gushing, there is often mud bursting. Once improperly handled, construction equipment will be buried directly, which will block the tunnel and even cause the death of construction personnel.

2.2 Landslide

Collapse is also the most common safety problem in tunnel construction, which mainly refers to the collapse and fall of mountains, mines, and road surfaces due to non-man-made natural forces [3]. The cause of the collapse in tunnel construction is related to the change in ground pressure during the construction period, causing the rock or soil to gradually soften and eventually cause the collapse. Once a tunnel collapse occurs, it is more complicated and more dangerous than other engineering projects.

2.3 Gas explosion

The gas used in tunnel construction is usually composed of carbon dioxide, methane, nitrogen, part of hydrogen, hydrogen sulfide and other components. During the tunnel construction process, once the gas concentration rises to about 5% to 16% and comes into contact with a fire source, and the oxygen concentration in the air is higher than 12%, it will cause a gas explosion, posing a serious threat to the life and safety of the constructors.

3. ANALYSIS OF THE CAUSES OF SAFETY PROBLEMS IN TUNNEL ENGINEERING MANAGEMENT

3.1 Insufficient awareness of safety production management

The lack of awareness of tunnel engineering safety management is usually manifested in the failure to correctly recognize the laws of safe production and the lack of understanding of new tunnel construction technologies. As a result, potential safety problems cannot be predicted in advance and corresponding measures can be taken during the construction period, and it is also impossible to respond effectively in time after safety problems occur. However, due to the relatively tight construction period of tunnel engineering, a large number of new technologies are adopted in order to speed up the construction progress without considering safety issues, which increases the safety risks during the construction process.

3.2 Inadequate implementation of safety supervision responsibilities

Many tunnel safety accidents are caused by the inadequate implementation of safety supervision responsibilities, and the deeper reason lies in the imperfect safety management system. Once a safety accident occurs, it cannot be held accountable in a timely manner, nor can the responsibility be assigned quickly, which directly leads to safety management. Negative work situation of personnel.

4. COUNTERMEASURES TO DEAL WITH SAFETY ISSUES IN TUNNEL ENGINEERING MANAGEMENT

4.1 Improve the awareness of safe production management of tunnel engineering

First, in the process of tunnel engineering management, it is necessary to have a comprehensive understanding of the tunnel construction in advance, strengthen key parts in advance, reduce the use of blasting, increase the frequency of measurement during the construction period, discover potential problems in time, and take immediate measures. Once the blasting construction is required during the construction process, it is necessary to go through the procedures in accordance with the relevant national

regulations throughout the process, do a good job in the quality control of the procurement, management, use, and recycling of the blasting materials, and record the use of the materials. Second, strengthen the patrol work of safety management personnel, set up corresponding safety management duty plans, inform the next personnel of potential problems, and strengthen key monitoring. Thirdly, tunnel construction companies should increase their management attention and investment, set up special funds to purchase advanced equipment such as geological forecast systems, and strengthen real-time monitoring and early warning of tunnel construction in order to detect possible safety problems in time. Take preventive measures as early as possible to reduce safety risks. Fourth, conduct a comprehensive and in-depth assessment of the local geological conditions before construction, formulate a reasonable construction plan based on geological characteristics, and take into account potential safety issues during the design process to construct relevant safety plans, especially for tunnel construction in special geological environments, and formulate corresponding The emergency plan is indispensable.

4.2 Implement the safety production responsibility system

The safety production responsibility system is one of the indispensable safety guarantee measures for every enterprise, and it can provide important safety guarantees for enterprise production. Therefore, tunnel construction enterprises need to formulate a detailed and clear responsibility system for production safety, and immediately initiate accountability in the event of a problem, strictly enforce it in accordance with the rules and regulations, implement the principle of clear rewards and punishments, and resolutely eliminate specialization and avoid the important. At the same time, higher-level personnel must take the lead in demonstrating, implement the safety production responsibility system from top to bottom, establish a model for safe construction, strictly follow the standards and regulations in the system, and implement strict regulations on the lower-level construction process, and carry out tunnel construction in accordance with safety requirements. , Only in this way the lower-level construction personnel will be willing to implement. In addition, it is necessary to establish a normalized and long-term safety production responsibility system, and to implement the system unremittingly. The main leaders are directly responsible for supervision and management. Once the safety problems in the construction process are discovered, they need to be dealt with immediately in the shortest time. . The safety production responsibility system needs to be linked to each other to promote the mutual supervision and management of various departments and personnel, promote the implementation of the safety production responsibility system, and allow the safety production responsibility

system to permeate all aspects of tunnel construction and provide a role for ensuring the safety of tunnel construction.

4.3 Improve safety facilities and strengthen safety education

The safety management of tunnel engineering not only requires a good sense of safety and the establishment of related safety management systems, but also needs to strengthen the management and maintenance of safety facilities, and do a good job of basic safety protection, which is of great significance to the safe construction of tunnels. Tunnel construction companies need to increase their efforts in the construction of basic safety facilities, improve safety warning signs, safety slogans, protective measures for construction personnel, personal safety protection equipment, and visual warning devices in the tunnel, etc., and do a good job in the daily management and maintenance of these safety facilities , To ensure that it is always in normal working condition. At the same time, strengthen the safety education of tunnel construction personnel, use images, videos and other channels to promote safe construction knowledge during construction, and regularly carry out various forms of safety training and related work instruction training, so that every construction worker can master the safety operation specifications and improve Personal safety protection awareness, enhance safety protection capabilities, minimize tunnel engineering safety risks, and reduce safety accidents.

5.CONCLUSION

In summary, safety issues have always been paid attention to in tunnel engineering due to the huge hazards they bring. Therefore, it is necessary for tunnel enterprises to take a correct view of safety issues and formulate comprehensive safety protection measures in advance to kill the accident in the bud. At the same time, we must also realize that safety management does not happen overnight. It needs to be implemented for a long time, and a long-term management system should be formulated to minimize the loss of safety problems and ensure the smooth progress of the tunnel project.

REFERENCES

- [1] Qu Wenjing. Research on Potential Problems and Countermeasures of Tunnel Engineering Project Construction Safety Management[J]. Information Weekly, 2020(2):1.
- [2] Cao Hansheng. Analysis of construction safety management and control measures of road and bridge tunnels[J]. Modern Property: Mid-term Journal, 2019(4):1.
- [3] Zhong Yuefeng, Li Zirui. Problems and countermeasures in tunnel safety management[J]. Commodities and Quality, 2019, (19):276-277.

Research on Strategies of Upgrading and Transformation of My Country's Ice and Snow Sports Industry in The New Era

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Abstract: The successful bid for the 2022 Zhangjiakou Winter Olympics in Beijing has set off an upsurge of ice and snow sports in my country. In this context, the consumption of ice and snow sports in my country has been promoted. In order to meet the growing consumer demand for ice and snow sports, the transformation and upgrading of my country's ice and snow sports industry in the new era is imminent.

Keywords: Ice and Snow Sports; Industry; Upgrading and Transformation

1. INTRODUCTION

Under the background of "National Fitness", various fitness exercises and sports undertakings have been popularized among the people of our country, and people's awareness of physical fitness has gradually increased. With the upcoming 2022 Winter Olympics in Zhangjiakou, Beijing, ice and snow sports have become the most popular fitness event, and the consumer demand for ice and snow sports continues to expand. In this context, it is necessary to seize development opportunities, accelerate the upgrading and transformation of the ice and snow sports industry, continuously improve the ice and snow sports industry chain, improve the service quality of the ice and snow industry, and realize the sustainable development of the ice and snow sports industry.

2. DIFFICULTIES FACING MY COUNTRY'S ICE AND SNOW SPORTS INDUSTRY

The sports industry is recognized as a sunrise industry. Ice and snow sports is an important part of the current sports industry. It has a wide range of participants and covers multiple fields. In developed countries, the ice and snow sports industry accounts for a larger proportion of the overall sports industry. Common types include Ice and snow tourism, ice and snow sports events, ice and snow equipment manufacturing, etc. However, the proportion of my country's sports industry in GDP is significantly different from that of developed countries, especially the proportion of ice and snow sports industry in the sports industry is relatively low, of which only ice and snow tourism has a certain influence and profit [1]. At this stage, my country's ice and snow sports industry lacks a complete management system. In particular, relevant sports departments and institutions have high control authority over international sports events, which greatly affects the enthusiasm of enterprises to participate in the sports market and hinders the creation of domestic ice and snow sports brokerage companies. As a result, my country lacks ice and snow sports events with international

influence. In addition, my country's ice and snow sports industry started later than other industries. At present, my country's ice and snow sports talents are relatively lacking, the relevant ice and snow sports facilities are still incomplete, and the lack of professional management teams for the ice and snow sports industry results in low quality of the ice and snow sports industry. , Affecting the healthy development of the ice and snow sports industry.

3. STRATEGIES FOR THE UPGRADING AND TRANSFORMATION OF MY COUNTRY'S ICE AND SNOW SPORTS INDUSTRY IN THE NEW ERA

3.1 Expand the scale of the ice and snow sports industry and promote integrated development

Although my country's sports industry started relatively late, it has always been in a good development trend. Especially in recent years, my country's sports industry has been expanding both in scale and field. The quality of the sports industry is guaranteed and the benefits of the sports industry are relatively ideal. Under my country's socialist market economy system, although the sports industry is smaller than other industries, it has gradually formed its own characteristics. Relevant data show that the overall scale of my country's sports industry has reached 1.9 trillion in 2016, an increase of 640 billion from the previous year. The proportion of national GDP has increased from 0.6% in 2012 to 0.9% in 2017, and has reached 1.0% in 2017[2]. In the new era, the transformation direction of my country's ice and snow sports industry should be transformed from the previous government-led to market-oriented operation, from the previous price advantage to brand advantage, and the elite sports image of ice and snow sports should be transformed into a popular sports item. For ice and snow sports companies, they should gradually transform from a traditional single-subject development to a cross-regional, clustered development model, integrate a single sports industry with culture, tourism, and service industries, and transform the overall development strategy from domestic development to International and domestic compatible development.

3.2 Streamline administration and delegate power to sports management departments to stimulate corporate participation

Only by creating a sports brokerage company with international market influence and appeal, and creating a brand of ice and snow sports events with Chinese characteristics, can it truly stimulate the vitality of ice and snow sports events and maintain inexhaustible vitality. Therefore, it is necessary for the relevant sports

departments of our country to streamline administration and delegate powers, adopt a combined work method of decentralization and management, gradually open the rights of event broadcasting, and give sports enterprises a certain degree of flexibility. Change the operation mode of the ice and snow sports industry from the previous monopoly to marketization, further simplify the approval procedures for ice and snow sports events, encourage private capital to participate in ice and snow sports events, sell the broadcast rights of large-scale ice and snow sports events to the society, and improve market competition. Conducive to expanding market effects. Currently, the main sources of income for the ice and snow sports industry are tickets, broadcasting rights, sponsors and peripheral products. The market-oriented operation of foreign sports events started earlier, especially the commercial operation of clubs with a relatively complete and systematic model. Taking the football club Real Madrid as an example, its annual revenue is as high as 510 million euros, and the overall revenue of the European Football League in the 2012 season reached 19.4 billion. Euro[3]. But at present, my country's sports consumption is still dominated by physical objects. All in all, only by continuously stimulating the enthusiasm of enterprises and social capital to participate in ice and snow sports, breaking the traditional sports market distribution barriers, optimizing sports market resources, and allowing enterprises to have independent management rights, will it be conducive to the formation of a national sports brokerage company and the production of ice and snow sports events in my country. Leading role.

3.3 Increase training institutions and vigorously cultivate ice and snow sports talents

High-quality physical education and high-quality sports talents are an important part of the sports industry. Developed countries abroad have always paid more attention to physical education and the training of sports talents. First, the education process runs through the promotion of the meaning and benefits of sports, sets up corresponding sports courses, and popularizes sports theoretical knowledge to students. At the same time, pay attention to the construction of sports facilities and provide students with various sports equipment and facilities to meet their fitness needs. In addition, the use of spare time to actively organize various sports events to attract students to participate in sports and form a good sports atmosphere, which is conducive to cultivating more sports talents. The 2022 Winter Olympics is approaching, providing a rare opportunity for the development of my country's ice and snow sports industry. With various policy dividends, the ice and snow sports industry will

inevitably usher in good development opportunities. The potential of the ice and snow sports industry is worth deepening. Dig. In this context, the Chinese government should pay attention to the importance of the ice and snow sports industry in the process of economic development and incorporate it into the overall economic development plan. At the same time, it actively learns from the advanced concepts of ice and snow sports talent training in developed countries, eliminates industry barriers as much as possible, reduces administrative monopoly, and reduces cumbersome sports approval procedures. In addition, encourage sports colleges to establish cooperative relations with social capital and enterprises, vigorously establish ice and snow sports related colleges and departments, training institutions, etc., and gradually establish a complete ice and snow sports talent training mechanism, improve the quality of ice and snow sports talent training, and provide for my country More professional ice and snow sports talents.

4. CONCLUSION

To sum up, the continuous development of the social economy promotes the continuous changes in the consumer demand for ice and snow sports in my country. At the same time, the 2022 Winter Olympics provides a good opportunity for the upgrading and transformation of my country's ice and snow sports industry and further enhances residents' willingness to consume ice and snow sports. Therefore, it is necessary to further expand the scale of the ice and snow sports industry, streamline administration and delegate power to attract corporate participation, increase the training of ice and snow sports talents, and provide a broad space for the development of the ice and snow sports industry.

REFERENCES

- [1] Zhang Ying, Wang Fei, Ye Haibo, et al. Research on the upgrade path of the ice and snow sports industry in Heilongjiang Province under the goal of supply-side reform[J]. Journal of Harbin Institute of Physical Education, 2019, 37(2): 40-45.
- [2] Gao Caiting, Zheng Hanshan. Research on the Development of Ice and Snow Sports Industry in the "Internet+" Era[J]. Sports Science and Technology Literature Bulletin, 2019, 27(12): 4.
- [3] Liu Chunping. Research on the future layout and development countermeasures of my country's ice and snow sports industry [J]. Journal of Jilin Radio and Television University, 2020(10): 2.

How To Improve The Influence of Ningxia Red Culture

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Abstract: Red culture is a historical and cultural phenomenon with rich connotation. It is the historical accumulation of successful experience in revolution, construction and reform of the Communist Party of China and its leadership. It has distinctive characteristics of the times. Red culture is also an important cultural and tourism resource. In the key five years of transition from poverty alleviation to rural revitalization, promoting the development of red cultural industries can play an important role in boosting Ningxia's economy. Increase investment in Ningxia's red culture and open up ways of spreading Ningxia's red culture to enhance the influence of Ningxia's red culture.

Keywords: Ningxia; Red Culture; Influence

1. INTRODUCTION

Ningxia is the birthplace of Chinese civilization and a treasure in the west of the motherland, with a glorious revolutionary tradition. Ningxia is a strategic location for the Red Army's Long March. From the Red Twenty-Fifth Army who took the lead to climb over Liupan Mountain to the three main forces of the Red Army, Ningxia's landscape and people have witnessed that period for more than a year. The magnificent years of fighting have highlighted Ningxia's historical position and role in the Chinese revolution. This unique history also left a rich red cultural heritage to today's Ningxia. Nowadays, we see the rise of "red tourism" in China. The red research projects such as "Re-walking the Long March Road" of universities, middle schools and elementary schools in various places are lined up, which fully reflects that the influence of red culture on this era is in line with the new era. The spirit also satisfies the needs of society.

2. ABOUT NINGXIA "RED CULTURAL RESOURCES"

Red resources are ideological resources and materialized resources that have been refined and condensed in the historical process of Sinicization of Marxism since the founding of the Communist Party of China. [] The red cultural resources of Ningxia mainly include natural heritage, architectural cultural heritage and various red cultural relics.

2.1 Natural heritage

The natural heritage mainly refers to the Liupan Mountain in Ningxia. This is the last mountain that the Red Army surpassed in the Long March. After climbing the Liupan Mountain, the Chinese revolution saw hope. (M_ZD)'s "Qingping Le•Liupan Mountain" made Liupan Mountain spread across the country and became famous all over the world. At the same time, Liupan Mountain has always been known as "mountain high and Taihua three thousand

meters high, dangerously occupying two hundred weights of Qinguan Pass". In terms of climate, there is a saying that "spring passes and autumn comes without summer". The climate is mild and it is a summer resort in midsummer. In terms of humanities and culture, Liupan Mountain is a must pass through the eastern section of the ancient Silk Road. In ancient times, many ethnic groups lived here. These rich experiences constitute important tourism brands such as "Cool World", "Silk Road Ancient Road" and "Red Tourism" in Liupan Mountain.

2.2 Architectural cultural heritage

The influential red architectural cultural assets in Ningxia include the Red Army Long March Memorial Hall in Jiangtaipu, Xiji County, Liupanshan Red Long March Memorial Hall, and the former site of the Red Army Command Headquarters of the West Expedition in Yuwangbao. Jiangtai Fort in Xiji County is a memorial place for the meeting of the three armies. To commemorate the 60th anniversary of the Long March of the Red Army of Chinese Workers and Peasants, a memorial to the meeting was built here. The completion of the Long March Monument to the Red Army in Taiwan is a memory of the heroic sacrifices of the Red Army soldiers. As a historically significant red tourist and cultural architectural landscape, it is also an important cultural symbol for the inheritance of red genes to future generations. The Liupan Mountain Red Army Memorial Hall is located on the top of Liupan Mountain. At the important moment of commemorating the 70th anniversary of the victory of the Red Army's Long March, the Ningxia Party Committee and the government will renovate and expand it. The newly completed memorial hall has more cultural connotations and is a landmark on the road to "Cultural Strengthening". Culture Industry. American journalist Edgar Snow mentioned many times in "Westward Journey" that the place of DE is Yuwang Fort, Ningxia. Snow has opened a door for us to recall and touch the precious history of history. The existence of Yuwang Fort is an iconic red cultural heritage of the Red Army's West Expedition.

The various red cultural relics mainly refer to the relics left in Ningxia during the Long March and the Western Expeditions of the Red Army, including production and living utensils, photos, newspaper propaganda items, used weapons and ammunition, calligraphy, and teaching techniques for the production of Red Army powder. Preserved in the Guyuan Museum, the Red Army Long March Memorial, and the Red Army's Western Expedition Museum, some relics such as calligraphy are hard to see in many museums across the country.

3. BUILD A RED CULTURAL BRAND INDUSTRY TO HELP RURAL REVITALIZATION

In the first five years when my country has built a well-off society in an all-round way and embarked on a new journey of building a socialist modern country in an all-round way, and marched toward the second centenary goal, the Ningxia Party Committee and government have resolutely assumed the political responsibility and responsibility of building a pioneering zone. The mission of the times is to put forward nine key industries, including red cultural tourism, around the construction of a modern industrial system. It is necessary to focus on building an advantageous red cultural tourism brand industry. Red tourism is a powerful driving force for the development of rural economy. Since the construction of the global tourism project, the homestays in the red heritage area and surrounding areas in Ningxia have gradually come alive, but their influence is not prominent. The main reason is that the industrial chain of red culture has not yet formed. The industrial brand has not been shaped yet.

3.1 Increase the protection and utilization of red cultural relics

To enhance the influence of Ningxia's red culture, it is necessary to increase investment in red cultural projects and continue to promote the protection and utilization of revolutionary cultural relics. In the "Ningxia Revolutionary Cultural Relics List (First Batch)" published in Ningxia, the protection and restoration projects and display and utilization projects of the former revolutionary sites such as Jiangtaipu Revolutionary Site and Qiaojiaqu (M_ZD) Long March Camp Site have been implemented. For the revolutionary site protection areas that have been completed, there is still space to be exploited and available for excavation, such as the "Red Army Trail" built in Liupan Mountain. Every stop from Yudu River can add more rich cultural elements. Improve its utilization rate. For example, the "Truth Trail" was added to the exhibition area of the Zunyi Conference, and the story of the lantern during the Red Army's Long March was added. Secondly, by promoting the integration of Ningxia's primary, secondary and tertiary industries and innovating industrial integration measures, we have created a recyclable development model of "farmers + bases + leading enterprises". For example, the well-known Red Army powder is a brand industry in Xiji County, Ningxia. The Red Army powder originates from the history of the Red Army's Long March. In the Red Army Industrial Park, it can be combined with the red cultural industry to make a fuss about planting, production, harvesting and service. Products sold services, culture, and landscapes to better assist the revitalization of Ningxia's rural areas.

3.2 Broaden cultural communication channels

In addition, efforts should be made to broaden the channels of red cultural communication in Ningxia. One

of the important reasons for the backwardness of Ningxia's red cultural tourism industry is that publicity is not in place. The new era must integrate the integrated media platform to allow traditional media to play a strong role in public life. For coverage, we should make full use of various integrated media platforms, including paper media, television media, and mobile Internet platforms, to launch an introduction video about Ningxia's red cultural industry. At the same time, it can also open up multiple offline communication carriers for the red Ningxia, such as displaying the red cultural tourist attractions of Ningxia on the high-speed rails and trains sent to other provinces in Ningxia. Promote and display the red cultural tourism resources on the transportation lines in Ningxia, and bring the information of the original independent unit into the new group through subtle penetration. In addition, we have cooperated with colleges and universities in Ningxia to encourage teachers and students of colleges and universities to actively explore and develop practical methods to enhance the influence and communication effect of red culture.

3.3 Constantly improve the economic value of red culture and build a red cultural brand

Although Ningxia covers a small area, it has rich cultural resources. In the development of the value of red culture, it is necessary to integrate the local characteristic culture of Ningxia, and to effectively integrate and optimize the reorganization of related cultural resources such as Ningxia intangible cultural heritage, Xixia culture, and ethnic minority culture in the region. As a result, a series of tourism and cultural projects will be built, and several tourism brand products centered on Guyuan, Wuzhong, and Yanchi will be planned.

ACKNOWLEDGEMENTS

Science and Technology Research Project of Ningxia Higher Education Institutions: Exploration and Utilization of Ningxia Red Culture Resources in The Cooperation of Ningxia Local Ecology

REFERENCES

- [1] Xue Zhengchang, Zhu Pengyun, Research on Ningxia Red Tourism Resources[J]. Social Sciences in Ningxia, 2006 (09).
- [2] Kuang Chengquan, Xia Yan, Research on the Mode of Industrialization of Red Culture--Taking Chongqing as an Example [J]. Journal of Shanxi University of Finance and Economics, 2012 (11).
- [3] Liu Kun, Research on the Economic Value and Brand Benefits of Red Culture [J]. Economics and Management, 2012 (05).
- [4] Li Aijuan, Yimeng Red Culture Dissemination and Path Selection Based on Network Innovation Environment[J]. Shandong Social Sciences, 2012 (06).
- [5] Gao Jiayao, how to enhance the influence of urban red culture[J]. Cultural aspect, 2019 (06).

Research on the Cultivation of Innovation and Entrepreneurship Ability of College Students Under the Background of New Engineering

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Abstract: With the rapid development of modern industry, the new economy poses new challenges to the traditional talent training mode of colleges and universities. In order to meet the demand of "strong practice, good innovation, one specialty and multiple abilities" for new engineering talents in the development of new economy and new industry, local colleges and universities need to continuously explore and optimize the training ideas of innovative talents, deepen the reform of innovation and entrepreneurship education, improve students' practical ability, and cultivate students' knowledge, quality and ability of innovation and entrepreneurship.

Keywords: New Engineering; Innovation and Entrepreneurship; Ability Training

1. INTRODUCTION

With the rapid development of the new economy characterized by new technologies, new forms of business, new industries and new models, traditional engineering talents cannot meet the demand, and the construction and development of "new engineering" has become an inevitable requirement for the upgrading and development of the current social industry. Local colleges and universities should give full play to their own advantages, make full use of local resources, meet the needs of local economic and social development and technological innovation requirements of enterprises, improve the ability of innovation and entrepreneurship of college students, cultivate new engineering talents with innovation and entrepreneurship ability, effectively relieve the social employment pressure, and promote the realization of China's independent innovation strategy.

2. PROBLEMS EXISTING IN COLLEGE STUDENTS' INNOVATION AND ENTREPRENEURSHIP EDUCATION

At present, the theoretical research and practical activities of innovation and entrepreneurship education in colleges and universities are very active, and the research content of innovation and entrepreneurship of college students is increasingly rich, and some achievements have been achieved, but the overall proportion of successful entrepreneurship of college students is still very low.

2.1 Lack of understanding and attention to the cultivation of innovation and entrepreneurship ability

When most colleges and universities carry out innovation and entrepreneurship education, they usually provide guidance for employment and only focus on the provision of entrepreneurship theory and skills, without arranging entrepreneurship education courses according to the needs

of majors and enterprises. As a result, innovation and entrepreneurship education becomes the "second classroom" disconnected from professional education.

2.2 the proportion of "double teachers and double ability" teachers is not high, and the construction of teachers is insufficient

Most of the newly introduced in colleges and universities teachers strength comes from domestic colleges and universities of the fresh master's undergraduate or graduate student, lack of practical experience and innovative education, and local colleges "can double double type" teachers proportion has been is not high, also has the industry or business management experience shortage of teachers, and most graduates back is the lack of relevant industry theory Due to my limited teaching ability, I am often unable to play a guiding role in the cultivation of innovative and entrepreneurial talents in the process of practical teaching, tutoring students' graduation design and innovation and entrepreneurship.

2.3 The form of innovation and entrepreneurship ability training is simple, and the actual transformation effect is poor

In terms of college students' innovation and entrepreneurship practice, many college students actively participate in various entrepreneurship and entrepreneurship competitions, such as national College Students Internet +, Challenge Cup competition and so on. For competitions, all colleges and universities to give awards and recognition, but the competition results of the implementation of the ground, into the final product often lack continuous follow up, although a certain extent, improve the ability of college students' scientific and technological innovation entrepreneurship, but most of the results can be converted to few real entrepreneurial success, to some extent, weakens the pioneering passion and confidence of students.

2.4 Not forming a good campus culture

In terms of campus culture, most colleges and universities have not formed a good social and cultural environment conducive to college graduates to start their own businesses. The publicity of innovation and entrepreneurship is more about competitions and club activities, but less about the actual experience of innovation and entrepreneurship, such as the judgment of innovation and entrepreneurship information, the grasp of opportunities and the overcoming of challenges. In addition, in terms of college students' employment, the comfortable and stable "civil servant" position is still people's favorite and preferred target, which to a large

extent affects college students' career choice view and restricts their cultivation of innovative spirit.

3. MEASURES TO IMPROVE THE CULTIVATION OF INNOVATION AND ENTREPRENEURSHIP ABILITY OF LOCAL COLLEGE STUDENTS

3.1 Deepening the reform of innovation and entrepreneurship courses

"New engineering" advocates students to subvert the fixed mode of thinking and cultivate radioactive and diversified thinking. Innovation in colleges and universities entrepreneurship education courses to sorting and analyzing new engineering professional demand for innovation entrepreneurship education courses to carry out, extensive heuristic, discussion-based, participatory teaching modes, such as case type teaching mode in teaching, setting specific employment scene inspire students' thinking, through flip encourage students to participate in classroom interaction; Individualized teaching based on career theory enables students to think about their inner motivation and needs and plan their life direction. In addition, we should strengthen the organic integration of new engineering specialty education and innovation and entrepreneurship education, analyze the connection between professional basic courses and entrepreneurial skills, and the connection between practice and innovation consciousness, so as to organically integrate innovation and entrepreneurship education and professional education.

3.2 Strengthen the construction of entrepreneurship mentor team

Intensify cooperation between colleges and send to local companies for teachers, not only can promote the theory to guide practice, teachers' practical experience, to cultivate "double double" teachers, the formation of mentors team with applied characteristics, and can understand the enterprise need talent knowledge and ability request, accurately grasp the talent training goal. Abandon the traditional teaching guidance mode, analyze each student in personality analysis, professional basis, ability assessment, entrepreneurial consciousness, salary expectation, mental health and other aspects of the information, to different levels of student groups and individual treatment, respect the difference, teaching in accordance with their aptitude. By means of individual guidance, "consultation" guidance and "accompanying" guidance from each entrepreneurial mentor, innovative talents needed by the local government can be precisely cultivated.

3.3 Promote the transformation of students' innovative achievements

Excellent creation and creativity of students' scientific and technological innovation, in under the guidance of teachers to carry out the patent protection, writing scientific papers, through innovative entrepreneurial platform to enter the market, society, implement the transformation of scientific and technological

achievements, realize the social benefit, stimulate students enthusiasm of scientific and technological innovation, enhance the students' consciousness of transformation of scientific and technological achievements, so that the students of science and technology innovation oriented close to the practice of life constantly to the market.

3.4 Fostering a culture of innovation and entrepreneurship
By carrying out campus innovation and entrepreneurship cultural activities, building student innovation and entrepreneurship associations and other measures, actively create a strong cultural atmosphere for innovation and entrepreneurship. The campus has set up an "entrepreneurship park" so that students can start businesses on campus according to their own abilities. Encourage students to creatively participate in various social practice activities, discipline competitions and club activities, and form a practice group of "entrepreneurship education" based on majors and organized by projects and clubs to stimulate the innovative consciousness and entrepreneurial spirit of college students.

4. CONCLUSION

Under the background of "new engineering", the core of talents training in colleges and universities is to cultivate engineering innovative talents integrating disciplines. Colleges and universities should take the construction of new engineering as an opportunity to integrate the connotation of the development concept of "new engineering" into the research of cultivating the innovation and entrepreneurship ability of college students, and constantly improve the innovation and entrepreneurship ability of college students. In order to meet the new economy and new industry development of "strong practice, good at innovation, versatile" new engineering talents demand.

ACKNOWLEDGEMENTS

This Paper Is the Research Result of The 2021 Educational Reform Project (JGYB2105) and (JGYB2166) of Hunan University of Arts and Sciences.

REFERENCE

- [1] Wang Wei, XIE Haijun, Wang Xian. Journal of Higher Education, 2017(6):4-5.
- [2] Shi Jing, REN Dongfeng, Li Xueping, et al. Research on the Training mode of innovative talents of engineering ability under the Background of "New Engineering" [J]. Science and Technology Vision, 2018(03):41-42.
- [3] Han Li. Current Situation and Training Path of College Students' Innovation and Entrepreneurship Ability [J]. Science and Technology of China Universities, 2017 (Z1) :121-123.
- [4] HE Daiqin. on the Cultivation of Innovation and entrepreneurship Ability of Application-oriented College Students [J]. School Party Construction and Ideological Education, 2016(10):82-83, 86.

Curriculum Construction and Practice of Innovation and Entrepreneurship Education Based on Obe Concept

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Abstract: Innovative and entrepreneurial talents are an urgently needed talent gap for current social development, and it is also the trend and goal of modern higher education reforms. Based on this, my country's education departments and teaching researchers should comprehensively build the OBE concept of innovation and entrepreneurship education curriculum system, and then point out the direction and provide strong support for the development of my country's education. This article first analyzes the basic connotation of the OBE education concept, secondly explains the mechanism of innovative and entrepreneurial talent training, and finally summarizes the OBE concept of innovation and entrepreneurship education curriculum construction and practical strategies, in order to share and communicate with the majority of educators.

Keywords: Education Reform; Obe Concept; Innovation and Entrepreneurship Education; Construction and Practice

1. INTRODUCTION

Higher education is the main way of cultivating applied, professional and innovative talents for the country and society. It is an important part of my country's education system. Therefore, the reform and innovation of higher education play a very important role in the development of education and society. At this stage, the construction and practice of innovation and entrepreneurship education courses mainly focus on the quality of talent training, adhere to the concept of student-based education and implement the process of teaching students in accordance with their aptitude. The main purpose is to strengthen the innovation and entrepreneurship spirit and ability of contemporary college students. For this reason, innovation and entrepreneurship educators should broaden their horizons, update their ideas and concepts in education and teaching in a timely manner, and rationally and scientifically innovative education and teaching methods and content, so as to build an efficient, three-dimensional and adaptable innovation and entrepreneurship education curriculum system for students. So as to achieve the ultimate goal of science education and successful education.

2. OVERVIEW OF OBE EDUCATIONAL CONCEPT

The construction and practice of innovation and entrepreneurship education curriculum under the OBE education philosophy must first understand what is the OBE education philosophy and its connotation, so as to ensure the scientificity and effectiveness of the innovation

and entrepreneurship education curriculum construction and practice. First of all, the OBE educational philosophy refers to result-oriented education, usually it can also be called goal-oriented education, ability-oriented education and demand-oriented education. The results mentioned here do not refer to the accumulation of previous learning results, but the completion of the whole process. The final result after learning means that OBE's educational philosophy is not based on phased teaching, so education and teaching will be more systematic and comprehensive under the support of this educational philosophy [1]. Secondly, OBE's educational philosophy also shows the concept of student-oriented education. It attaches importance to the effect of students' ability development and the direction of future development. It can ensure the correctness of education and teaching goals and directions, and effectively strengthen students' adaptation to themselves and society. Ability and awareness to develop. It can be seen that the OBE educational philosophy is a student-centered and result-oriented advanced educational idea, and it is a supporting idea to ensure that higher education adapts to the trend of social d

3. CULTIVATION MECHANISM FOR INNOVATIVE AND ENTREPRENEURIAL TALENTS

3.1 Follow the principle of talent training of "Three Alls and Three Creations"

The so-called "three-in-one and three-creation" talent training principle mainly refers to that education should penetrate the whole process of talent training and be oriented to all college students and all faculty members. At the same time, the effective integration of innovation and entrepreneurship and professionalism should be adhered to in the process of talent training. Innovation leads to the principle of entrepreneurship, and adheres to the principle of applying entrepreneurship to promote employment. Therefore, in terms of the principle of "three alls and three creations" talent training, it is the current higher education to help college students to form a good sense of innovation and spirit, and to help them develop excellent innovation and entrepreneurship capabilities, and to make them contribute to social development and construction. Reform must have firm belief and direction [2]. Therefore, the curriculum construction and practice of innovation and entrepreneurship education under the OBE educational philosophy should incorporate the principle of "three-in-one and three-creation" in order to ensure the effectiveness and scientificity of the education reform.

3.2 Deeply integrated talent training mechanism

The deep integrated talent training mechanism can be

understood from the perspectives of integration concept, integration evaluation, integration mechanism, integration curriculum, integration method, etc. The specific analysis is as follows:

First, integrate concepts. Educational concepts determine the direction and goals of education to a certain extent, and will affect the innovation of educational forms, methods and content. Therefore, educational concepts must be integrated in the training of higher education talents to strengthen the effectiveness and scientific nature of education. Therefore, the curriculum construction of innovation and entrepreneurship education under the OBE educational philosophy needs to clarify what kind of innovation and entrepreneurship education should be carried out in higher education, and implement comprehensive reform and innovation work on this basis and breakthrough.

Second, the financing mechanism. Educational mechanism is a key condition to ensure that education is always on the right direction and track, and it is also a beacon for the successful realization of educational reform goals. Therefore, the construction and practice of innovation and entrepreneurship education courses need to improve long-term education mechanisms. Combining the OBE education concept can establish a practical mechanism for innovation and entrepreneurship that is connected to the industry, and it can also establish a networked and three-dimensional long-term mechanism for innovation and entrepreneurship education based on social development trends.

Third, integrate curriculum. Compound talents, applied talents, and professional talents are the goals of higher education talent training. However, with the continuous enrichment and renewal of the social industry, professional talents often have shortcomings and limitations in the later development, so innovation and entrepreneurship education Curriculum construction and practice must achieve the organic integration of different courses, so as to ensure that students can obtain a wider range of abilities, knowledge and accomplishments on the premise of mastering professional knowledge and skills, so as to lay a solid foundation for the long-term development of students. For example, the innovation and entrepreneurship education curriculum system can intersperse and integrate general education courses, innovation and entrepreneurship courses, professional courses, and practical courses to build a three-dimensional and comprehensive curriculum system for students.

In addition, the construction and practice of innovation and entrepreneurship education courses under the OBE educational philosophy should also focus on the organic integration of teaching methods and teaching evaluation, and then achieve the purpose of strengthening the quality of talent training, and ultimately create favorable conditions for the development of higher education.

4. CURRICULUM CONSTRUCTION AND PRACTICE OF INNOVATION AND ENTREPRENEURSHIP EDUCATION

The BOE result-oriented education concept should pay attention to what students finally learn in the process of

receiving education, and use this as the basis to build a special curriculum system and implement specific teaching guidance, so as to help students realize their ability and ability under the support of the final learning results. Further strengthening and deepening of literacy. Based on this, the curriculum construction and practice of innovation and entrepreneurship education under the OBE educational philosophy should determine the learning outcomes and determine the teaching strategy, so as to ensure the efficiency, adaptability and scientific nature of education and teaching. First, the final learning outcome is not only the end of the OBE, but also its starting point. This requires that the learning outcomes must be clearly stated in the innovation and entrepreneurship education curriculum, and then the outcome-oriented and goal-oriented, special but systematic education for students. Second, OBE's educational philosophy is infiltrated with student-oriented educational ideas. Therefore, the construction and practice of innovative and entrepreneurial education courses need to effectively combine students' actual conditions, learning needs, learning capabilities and other factors to determine outcome-oriented teaching strategies. . For this reason, teachers in the innovation and entrepreneurship education curriculum should not pay attention to what they have taught, but should pay attention to what students have learned. At the same time, they should use personalized teaching instead of unified teaching, and use research teaching mode instead of instillation teaching mode. on the one hand, the advantages and value of OBE education philosophy can be maximized, and the quality and efficiency of talent training can be successfully improved.

5.CONCLUSION

As an advanced and scientific educational guiding ideology, OBE achievement-oriented education has successfully promoted the innovation of my country's higher education talent training and provided strong support for the goal of my country's application-oriented, professional and innovative talent training. The above article takes the innovation and entrepreneurship education curriculum construction and practice under the OBE education philosophy as the research object, analyzes in detail the connotation of the BOE education philosophy, and elaborates the mechanism of innovative and entrepreneurial talent training, and proposes the innovation and entrepreneurship education curriculum construction and practice Strategy, I hope it can help the development of higher education in our country.

ACKNOWLEDGEMENTS

[1]2021 Jilin Provincial Social Science Foundation Project (Generally Selected Project), NO. (2021B85), Subject Name: Research on The Implementation Strategy of Entrepreneurship Education Innovation and Development in Applied-Oriented Universities in Jilin Province;

[2]2021 Jilin Province Education and Teaching Reform Research Project, Title Name: Construction and Practice of Innovation and Entrepreneurship Education Curriculum Based on Obe Concept.

REFERENCES

- [1] Yang Wenjia, Liu Yan, Xu Kangkang, Wu Yan, Li Can. The application of OBE-driven innovative talent training model in genetic engineering experiment teaching [J]. Light Industry Science and Technology, 2021, 37(12): 171-173.
- [2] Wang Hua, Wang Min, Gong Weiqing. The construction and management of university innovation and entrepreneurship laboratory based on OBE concept[J]. Experimental Technology and Management, 2021, 38(11): 278-281. DOI: 10.16791/j.cnki.sjg.2021.11.054.

Try To Analyze the Application of Incentive Theory in College Student Management

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Abstract: As the saying goes: "Strict father and mother", one hand is a carrot and the other is a big stick. The reasoning behind this is the theory of motivation and the theory of punishment. In the management of students in colleges and universities, systems and punishments are often used to restrict management to student behavior. Although management efficiency is improved, it is not conducive to the individualized development of students. At this time, colleges and universities also need to uphold the main ideas of the scientific concept of development, use incentive theory reasonably, give students certain encouragement, help students tap their own potential, improve students' participation, cultivate students' self-management ability, and find students' hidden Problems, improve the comprehensive quality of students, and guide students to grow up healthily.

Keywords: Motivation Theory; College Students; Student Management

1. INTRODUCTION

With the development of the times and the widespread application of new technologies, the management methods under the traditional concepts can no longer meet the current development needs, which has brought a certain impact to the education management model. The management of college students pays more and more attention to the quality of management. In the process of college student management, the motivation theory presents a role and value that cannot be ignored. Motivational activities will bring people a positive attitude, upward motivation, and increase emotional appeal. In the active construction, the motivation theory can be used reasonably to increase the management of college students. In the process of management, it is necessary to enhance the recognition of students, increase guidance and supervision based on the psychological characteristics of students, and present the main value and function of the incentive system to everyone's vision, and implement specific development goals[1].

2. THE APPLICATION OF MOTIVATION THEORY IN THE MANAGEMENT OF COLLEGE STUDENTS

2.1 Innovative student management concepts

In the process of college student management, it is necessary to maintain the healthy development of students in the field of human-oriented management in accordance with the management field, and implement the practical spirit well. First of all, it is necessary to create a good people-oriented development environment, optimize behavioral means, and promote the healthy development of students. In the stage of systematic combining and management, the development and construction of growth

factors are reduced, the proactiveness of student development is maintained, and the stage for students to show their talents. on the basis of the incentive mechanism, students are encouraged to have correct sex, and to maintain the effective extension of students' self-motivation and self-discipline. Secondly, under a people-oriented business, a reasonable use of comprehensive methods can help students develop good habits. For example, class meetings, ideological and political education, etc. can be combined with reality to guide students to formulate lofty goals and establish ideals in life. Look for your own shortcomings, analyze the internal motivation of the shortcomings, and clarify the meaning of struggle. It is also necessary to cooperate with some implementation of roll call and punishment systems to help students develop good behavior habits, increase the processing ability of the class, and reduce unnecessary behavior construction [2]. Highlighting the concept of effective incentives and ensuring the advanced nature of the management concept is to analyze the causes and formulate positive and scientific solutions from the perspective of students. Teachers should actively communicate with students psychologically, find the shining points of students, and establish scientific focus, encourage students to participate in various types of school activities, so that students can obtain more development goals and maximize their personal potential. Reflect the students' own value and lay a good foundation for future development.

2.2 Improve the overall quality of student management staff

Teachers in colleges and universities need to accurately grasp the timing of incentives, implement incentive goals, and achieve unexpected results. College students are in a critical period of ideological establishment, and their subjective consciousness is strong, and the formed ideological concepts have obvious misunderstandings, and they need to put forward higher demands. College student administrators also need to implement teaching goals, increase basic and management skills, increase psychological training, correct learning and incentive system construction, and improve business evaluation under reasonable overall planning. First of all, when students first entered school, they had a sense of freshness in their hearts. They needed to break the original way of thinking. If you want to show your talents through your own efforts, and hope to be recognized by students and teachers, you need to fully understand these rules and regulations. Maximize the enthusiasm of students. Secondly, after students have achieved success, after they have achieved certain achievements in activities or studies,

they will be praised by everyone, and they will also get positive emotions. Some students will set higher learning goals and challenge themselves, and maintain a sustainable development path [3]. Later, students will encounter certain difficulties in the course of study and life. When students encounter these difficulties, they are not only depressed, but also psychologically pressured. Teachers need to care for students in a timely manner and help students overcome various problems. difficulty. Later, after various mistakes have occurred, colleges and universities need to pay attention to the psychological changes of students in accordance with the school's rules and regulations, guide students to change themselves, and reduce the occurrence of the same thing.

2.3 Reasonable use of effective incentive methods

In the course of practice, there are many incentive management methods in colleges and universities, showing a diversified trend, which needs to be used rationally. on the basis of people-oriented, various effective incentive methods are explored to give play to the intrinsic value of effective incentives. From the perspective of the practical application of motivation theory, it can be divided into two parts: internal motivation and external motivation, and it is necessary to form its own motivation system and form its own language symbols according to one's own behavior. First, the role model incentive method. In the course of implementing student management, colleges and universities need to combine reality to help students set an example. Driven by an example, students will form their own development goals. In daily management, when choosing a role model, it is best to choose someone who is close to the students, which can give students a sense of reality, form a process of psychological struggle, and mobilize good enthusiasm. Second, care about the incentive method. With the increase of pressure in life and study, some students have psychological problems, and they will also suffer from some emotional confusion, which brings certain difficulties to the future development of students. At this time, teachers can use the method of motivation theory to let students feel the care and love from teachers, establish a better relationship with students, reduce the distance between managers and students, expand initiative, and maintain students' behavioral norms. Correct the students' thinking and guide them to realize their own value [4].

Third, the goal incentive method. This method belongs to the core method in the motivational concept. It requires students to develop their own potential and formulate short-term and long-term goals on the basis of being proactive. The short-term goal is mainly to complete this period of struggle. The long-term goal is a big grand blueprint, which can only be achieved through continuous accumulation in a subtle process.

3. CONCLUSION

With the progress of society, in the process of college student management, it is also necessary to combine reality, implement effective incentive concepts, fully stimulate and mobilize the enthusiasm of the managed, and comprehensively use diversified forms of incentives to improve management standards. Effectively understand the various needs of student education management and help students achieve their goals. Emphasize the people-oriented concept, find reasonable incentive methods based on individual differences of students, give play to the core value of incentives, and further promote the sustainable development of college education.

REFERENCES

- [1] Li Jingyu, Zhang Chunxia. Research on the Application of Incentive Theory in the Management of University Student Union--Taking the Student Union of a University in Shanghai as an Example[J]. Educational Modernization, 2019.
- [2] Han Hongmei. Innovative application of motivation theory in student management in higher vocational colleges--Taking Beijing Vocational College of Political Science and Law as an example[J]. Modern Vocational Education, 2019(14): 2.
- [3] Qin Xianli. The application of the concept of humanism in the reform of student status management in colleges and universities in Guangxi from the perspective of rural revitalization--Comment on "Case Analysis of Student Status Management in Colleges and Universities" [J]. Journal of Tropical Crops, 2020, 41(09): 244- 244.
- [4] Zhang Hongbin, Wang Qiong, Jin Yao. The Application of "Senior Plan" in the Management of University Student Affairs--Taking the School of Ethnology and Sociology of South-Central University for Nationalities as an example[J]. 2021(2014-4):44-47.

Research on the Application of Data Mining in The Control of Learning Process

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Abstract: The article first analyzes the control characteristics of data mining in the learning process, and then introduces the control applications of data mining in the learning process, including data mining, predictive analysis, and control strategies, hoping to provide effective references for relevant people.

Keywords: Data Mining; Learning Process; Control Application

1. INTRODUCTION

In recent years, data mining, learning analysis, and education big data have gradually become key research content in related academic fields. In school education, data has also become a basic indicator for improving teaching quality. Through perfect teaching data, it can accurately reflect the teaching effect, assist teaching design, help teachers improve teaching methods, innovate teaching models, and optimize comprehensive teaching quality.

2. DATA MINING CONTROL FEATURE ANALYSIS IN THE LEARNING PROCESS

2.1 Personalized features

Based on the support of data mining technology, the entire learning project can have a personalized feature. Students will form a large amount of information through online learning, including basic data such as test scores, learning courses, log-in learning time, log-in times, personal information, etc. Relevant data information is fully mined and collected, data mining technology is used to implement systematic analysis and prediction of various data, and the learning process control strategy is rationally designed in connection with the final result, and the control pertinence of the entire learning process is improved. Different students are special life individuals, have their own life potentials, and have different individual needs for the control of the learning process. Under the background of the continuous construction and development of big data technology, the entire learning data of students will be more detailed and comprehensive, and effective to a certain extent. Reduce the dependence of learning process control personnel on traditional experience [1].

2.2 Integration of equipment and manual control

Computer control and manual operation control based on data mining technology are fully integrated. During the entire learning process, students mainly receive information from the Internet and equipment media, as well as the teacher's help and control. For this reason, the learning process control under the data mining technology covers computer equipment control and teacher manual control. Data mining is used to comprehensively process

various data information formed in student learning activities to form students' personal ability data, and then conduct a comprehensive comparative analysis of course content and various information data to find out the differences between the two. Information technology, Internet and media equipment can According to students' unique data and information to control related learning resources, teachers can also choose appropriate process control measures based on their own experience, promote the full integration of manual control and computer control, enhance the control effect of the entire learning process, and improve the control content.

2.3 Timeliness characteristics

The learning process control based on data mining has a characteristic of timeliness. Under the traditional education mode, problems encountered by students in learning can only be revealed through examinations and detections, and teachers cannot find students' problems in time, leading to control of the learning process. There is a certain delay problem, which reduces the learning effect of students to a greater extent. With the help of data mining technology, related problems can be smoothly improved. The various information data formed by students during the entire learning activity can be fed back to the learning platform in real time, so that equipment and teachers can discover students' learning problems in time and implement targeted learning process control. Work, do not need to wait until the end of the exam or test to implement the control work, which can further improve the learning efficiency and learning effect of students, and reduce the probability of student failure [2].

3. DATA MINING CONTROL APPLICATION ANALYSIS IN THE LEARNING PROCESS

3.1 Data mining

The development of computer technology has promoted the growth of various education platforms. With the help of computer information systems, various student information and data can be collected, and personalized services and assistance can be provided for students in poor conditions. The learning control system focuses on the students' classroom learning status and collection. Student-related learning data, and automatically generate course reports and send them to students, which specifically cover students' final assessment scores, student attendance rates, and difficult questions. Implement data analysis on the basis of data mining, and automatically generate academic guidance plans through the system's automatic matching of control strategies. Before collecting various value information from relevant data, it is necessary to pay attention to the understanding of new knowledge, the discovery process and the overall

method. Data mining needs to use computer methods to implement systematic analysis and processing of relevant learning data. Data mining is a sub-step in database knowledge discovery. It combines relevant knowledge in data mining algorithms to assist in innovative teaching methods. With the continuous mining of educational information data, the number of publications shows an exponential growth trend. Mining data knowledge in accordance with the requirements of the basic steps. In order to successfully implement each step, data collection, analysis, accurate description and interpretation are required. Generally, various software tools can be used to realize various operation steps. Data mining belongs to the basic link of a large amount of data exploration and mining. Algorithm development originated from educational data mining and learning analysis, linking student behavior to predict student related skills and knowledge level, fully controlling the process of student knowledge development, and having obvious interactive characteristics.

3.2 Predictive analysis

Various data traces will be formed in the process of applying education management platforms, wireless networks, smart phones, social media, collaboration tools, and digital communication services. The relevant data comes from teaching management systems, e-learning environments, cloud storage programs, geographic location information in multiple devices, social networks, etc. In order to enable students to enjoy high-quality educational resources and form a learning model that meets their own characteristics, schools generally Apply data analysis to comprehensively improve the learning process of students.

Predictive analysis mainly uses similar data in the past to create a system model in the computer to assist in predicting future behaviors and events that were originally invisible in the data. It has been widely used in the fields of law, medical care, and education. This mechanism is applicable to the entire learning environment, and the specific method is to implement collaborative filtering based on content recommendation and links to different projects.

Prediction methods can be effectively applied to social learning. The social recommendation mechanism is similar to content recommendation, but requires specific data based on the organization of social network graphs as the core. The graph represents the connection data structure of various objects in the network, including social activities, discussions, content, and members.

Related methods can help determine the specific objects to be submitted to network members, focusing on other members, shared content, and various discussions.

3.3 Control strategy

Control strategy is the main execution link of student process control. After accurate identification and control strategy matching calculation for students' learning status, the system will implement various control strategies for students. Based on control activities to perform subject-level analysis, it can be divided into manual control and machine control. In the early stage of system implementation, machine control requires teachers and managers to manually input specific control strategies. With the continuous update of the strategy database and the continuous increase of control objects, it can promote the realization of the automation control goal of the entire system, but there are still some controls that are mainly manual control. Such as difficult questions and personalized guidance for students. After starting to implement the control strategy, it is necessary to comprehensively observe the control results and summarize the students' specific performance data under the control strategy, which represents the effectiveness of the control strategy. If the control effect has not reached the expected goal, the control engine will be started for the second time to implement the control activities, and proceed in order Back and forth.

4.CONCLUSION

In summary, with the help of data mining technology, teachers can help teachers grasp the objective conditions of students' learning, so as to implement personalized management of the learning process, which belongs to a dynamic control process. To this end, it is necessary to in-depth study of data mining technology, improve the control level of the learning process, and optimize the learning effect of students.

ACKNOWLEDGEMENTS

Scientific Research Project of Hunan University of Arts and Science(19ZD03).

REFERENCES

- [1] Gao Xiaonan. Research on deep unsupervised mining of classification attribute data for decision support [D]. University of Science and Technology Beijing, 2021.
- [2] Kuang Xin. Smart classroom teaching methods supported by data mining technology [J]. Computer Knowledge and Technology, 2021, 17(02): 117-119.

Exploration and Practice of Talent Training Mode of "School Enterprise Cooperation and Integration of Industry and Education" in Colleges and Universities

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Abstract: Higher vocational colleges are educational places for cultivating applied talents for the society, so we need to pay attention to the cultivation of students' practical skills in the teaching process. In recent years, the training mode of school enterprise cooperation and integration of industry and education has become the main school running direction of colleges and universities. By strengthening the contact with social enterprises, we can clarify the current social development situation and the employment needs of enterprises, so as to cultivate comprehensive quality talents suitable for posts. This paper analyzes and discusses the exploration and practice of the talent training mode of school enterprise cooperation and integration of industry and education in Colleges and universities, so as to provide reference for relevant personnel.

Keywords: Colleges and Universities; School Enterprise Cooperation; Integration of Industry and Education; Personnel Training

1. INTRODUCTION

The mode of school enterprise cooperation and industry education integration is a cooperative school running mode between colleges and universities and social enterprises related to Majors in recent years. Through the combination of enterprises and counterpart majors set up by the school, students can practice skills while learning basic theoretical knowledge, so as to increase students' practical experience. Colleges and universities need to clarify the importance of school enterprise cooperation and industry education integration to students' development, so as to form a deep mode of school enterprise cooperation and industry education integration.

2. THE ROLE OF SCHOOL ENTERPRISE COOPERATIVE PRODUCTION EDUCATION INTEGRATION TALENT TRAINING MODE

School enterprise cooperation can realize the coordinated development of colleges and enterprises, accelerate the transformation of enterprises from vocational training to career planning, and reflect the scientificity of running colleges and universities. After Colleges and universities clarify the teaching objectives, it can improve the efficiency of teaching work, and promote the improvement of students' employment dilemma. In addition, the development of enterprises is inseparable from cultural construction. Students will be influenced by good corporate culture during school enterprise

cooperation, so they can restrain themselves and invest in production practice with a more positive attitude, so as to lay a solid foundation and practical experience for future employment. Under the talent training mode of school enterprise cooperation and integration of industry and education, it can fully expand the scope of education in Colleges and universities, provide high-quality talents for enterprises, strengthen the experience and level of talent planning, and save the cost of retraining for enterprises. The school has also improved the student employment rate and social influence because of the clarity of the school running direction. Therefore, the talent training mode of school enterprise cooperation and industry education integration is not only an important measure for win-win between schools and enterprises, but also an inevitable trend for the innovative development of colleges and enterprises in the future.

3. SPECIFIC STRATEGIES FOR OPTIMIZING THE TALENT TRAINING MODE OF UNIVERSITY ENTERPRISE COOPERATION AND INTEGRATION OF INDUSTRY AND EDUCATION IN COLLEGES AND UNIVERSITIES

3.1 Awareness raising

Both universities and enterprises need to raise awareness. Institutions of higher learning and enterprises are an important part of school enterprise cooperation and integration of industry and education, so we need to pay more attention to the vocational education model from a cognitive perspective [1].

As colleges and universities, we need to realize that the integration of industry and education is not only formalism, but also an expedient measure for educational development and enterprise development, but the embodiment of gradually clarifying the education direction and teaching objectives of cultivating talents in Colleges and universities. If colleges and universities want to reflect their own teaching characteristics and improve teaching quality, they need to integrate industry and education, meet the needs of social development, adapt to the national economic and industrial structure, constantly adjust and improve the vocational education model, deeply analyze the representative enterprises in the industry, and clarify the trend of social development, so as to better carry out education and teaching. It can cultivate more high-level and high-quality professional talents for the country, society and enterprises [2].

As an enterprise, it needs to improve its own production

technology level and increase its economic benefits, which is extremely important. The required talents should meet the future development needs of enterprises and the development needs of market economy. Only in this way can colleges and universities and enterprises cultivate practical and applied talents. Only with the joint efforts of colleges and enterprises can they cultivate the required talents.

From this, we can know that an enterprise needs to take a long view, broaden its horizons, and strengthen investment in professional technology, so as to achieve the goal of sustainable development; Colleges and universities need to clarify the future social development trend and the talent requirements required by enterprises. on this basis, they need to improve and improve the vocational education and teaching system, improve the teaching mode, and deeply clarify the education and teaching objectives, so as to formulate more targeted and effective education and teaching programs, enrich teaching contents and adjust teaching plans, Then it can cultivate comprehensive talents with high professional, professional understanding and technical ability for social enterprises.

3.2 Improve the legal system

In the current educational work, when students participate in internship, there will be the phenomenon that schools actively contact enterprises, while enterprises passively accept requests or meet needs, but the government does not give active support and guidance. This problem is mainly due to the unclear rights and obligations of colleges and universities, enterprises and government regulatory departments in the policies and systems formulated by the government, Not in place, and the current legal system related to internship in Colleges and universities in China is not perfect. Whether colleges and universities, enterprises or government regulatory departments, if they want to cultivate high-level and high-quality talents needed for the country and society, they need to establish and improve the legal system, which clearly reflects that colleges and universities Enterprises and government regulators need to fulfill their responsibilities, so as to promote the school enterprise cooperation and the integration of industry and education on the basis of the government's active leading and guiding role, and reflect the social value and educational value [3].

3.3 Cherish internship opportunities and strengthen learning ability

Students in Colleges and universities need to cherish internship opportunities, which is not only an opportunity to broaden their horizons, but also an important opportunity to improve their professional and technical ability. The knowledge that students are difficult to contact in schools can be gradually contacted and studied in enterprises, and interns in enterprises can apply their majors and knowledge to practice, which is very important for improving students' professional quality and ability Strengthening students' learning ability can play a positive and key role, so as to produce good learning results, which

is also the ultimate educational purpose of the school enterprise cooperative industry education integration education model.

3.4 Strengthen the construction of Teachers

In the context of the rapid development of society, although college teachers have high academic qualifications, they lack practical experience, and can not even clarify the development status and future development trend of their own majors. This is not only a common phenomenon under the school enterprise cooperative industry education integration education mode, but also the shortcomings and disadvantages of the education mode.

Under the school enterprise cooperation mode, colleges and universities need to improve the construction of teachers, build a high-level and high-quality teacher team, and cultivate teachers with high professional awareness, professional awareness and teaching ability. Under this education mode, teachers should be able to actively go deep into enterprises and participate in enterprise practical production activities, Then it can effectively improve the level of teachers' practical ability, and finally improve teachers' comprehensive quality, which lays a foundation for the role and advantages of the school enterprise cooperative industry education integration education model.

4.CONCLUSION

To sum up, colleges and universities need to apply effective strategies to gradually improve and perfect the school enterprise cooperative industry education integration education mode under the exhibition school enterprise cooperative industry education integration education mode, including raising awareness, perfecting the legal system, cherishing internship opportunities, strengthening chemical learning ability and strengthening the construction of teachers, Thus, it lays a foundation for improving the overall quality and ability of teachers and students, and can cultivate more high-quality professionals for the country, society and enterprises.

ACKNOWLEDGEMENTS

Yantai 2020 Campus Integration Project (2020XDRHXMXXK08).

REFERENCE

- [1] Ding Zhiwen. Practical research on social forces participating in Vocational Education -- from the perspective of the construction of College Students' off campus practice base [J]. Knowledge seeking guide, 2015 (17).
- [2] Chen Jianwei. Exploration and practice of talent training mode of "integration of industry and education and school enterprise cooperation" in Higher Vocational Colleges [J]. Science, technology and economy guide, 2019 (7).
- [3] Zhang Jing. Exploration and practical research on the new mode of school enterprise Cooperative Talent Training "apprenticeship" [J]. Today's fortune, 2019 (7).

A Brief Study on The Changes of Digital Media and Visual Design Forms

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Abstract: With the advancement of science and technology, digital media has developed rapidly, and with the application of network information technology, the visual design form breaks the limitations of the original form and shows a diversified form of visual design. This change not only makes the visual The rich design content also allows visual design to contain more ideological connotations, which greatly promotes the development of visual design forms, provides people with a more colorful visual feast, and enhances people's visual experience. The article introduces the concept of digital media and visual design forms, analyzes the development process of digital media and visual design forms, discusses the changing trends of digital media and visual design forms, and provides more diversified development directions for visual design.

Keywords: Digital Media; Visual Design; Change

1. THE CONCEPT OF DIGITAL MEDIA AND VISUAL DESIGN FORM

1.1 The concept of digital media

The development of science and technology has led to unprecedented development of digital media. As a carrier of information, digital media is more important in the dissemination and storage of information. It plays an active role in the presentation of information and brings people a visual experience. Digital media is divided into two types: technology and art. Among them, digital media technology focuses on the basic functions of information itself and is widely used in the technical field, while digital media art is a further upgrade of technology applications. Under the circumstances, the integration of technology and art of digital media has become a development trend, and it is constantly innovating its display form to bring people a unique visual experience.

1.2 Concept of visual design form

In daily life, visual design works are more common, mainly to give the impression of beauty to the characteristics of art, to be displayed in life, to impact people's eyeballs and bring people a feeling of beauty. This includes design of renderings and decoration design. Wait. In the context of the current era, the form of visual design presents a diversified development trend, which also makes visual design break through the shackles of primitive concepts [1]. With the development of society and economy, people's living standards continue to improve, and the requirements for material and spirit are getting higher and higher. This makes visual design with many uncertain factors, which will change with the development of society and changes in people's needs. , But this change will always develop in the direction of

continuous innovation and mutual integration.

2. THE HISTORY OF THE DEVELOPMENT OF DIGITAL MEDIA AND VISUAL DESIGN FORMS

2.1 The mechanization stage of visual design form

In the early days, people only relied on the basic functions of computers to make simple graphics for visual design. Because of the constraints of technology at the time, the graphic design was relatively mechanized and the style of the work was relatively simple. In the continuous development, the form of visual design has also changed, breaking the purely hand-painted design form. First, the design draft is produced and then displayed through printing. Although this way of presentation still relies on traditional media, But we have seen the shadow of digital media.

2.2 Multi-dimensional stage of visual design form

The development of science and technology has promoted changes in the way of visual design presentation, from static communication in the past to dynamic communication. This is the change brought about by television media, and this is also the result of the development of digital media. The visual design form is no longer the static graphic design of the computer, but is displayed in the form of three-dimensional animation. The change in this way is a leap from static to dynamic. People have a higher interest in this dynamic picture. . With technological innovation, the design of three-dimensional pictures is more vivid and delicate, and the realism of the pictures displayed is stronger, which greatly impacts people's visual experience. With the continuous expansion of computer software functions, the visual design form has the characteristics of entertainment. This also adds a broader space for the visual design form. With the application of computer information technology, image synthesis technology and animation production technology are more advanced, and the application of photography and camera technology makes the form of visual design more artistic [2].

2.3 Virtual reality stage of visual design form

Nowadays, the advancement of science and technology has made the forms of visual design more diversified. With the application of 3D and 4D technology, while improving the clarity of the picture, it also allows people to experience a strong visual shock, allowing people to swim in a virtual situation. It enhances people's sensory stimulation. This experience is developed to interact with virtual scenes to increase the formal realism of visual design, and even design different virtual characters according to people's emotional needs, so that people's emotions can be sued. It is also people's pursuit of spiritual level under the background of the new era, which greatly

meets people's spiritual needs.

3. THE CHANGING TREND OF DIGITAL MEDIA AND VISUAL DESIGN FORMS

3.1 Innovations in technology and concepts promote changes in the form of visual design

With the advancement of science and technology, digital media has also been continuously developed, and visual design is based on this change. In the process of technological development, the form of visual design is also constantly innovating, and the form of visual design has evolved from history. It is not difficult to see in the process that its display form has also changed with the change of digital media. It has developed to this day, showing a development trend of diversification, dynamics, and virtualization. The changes in each stage are based on the foundation of technological innovation. Above, this has also greatly impacted people's original cognition, changed people's lifestyles, and continuously provided people with novel visual experience. Therefore, the innovation of technology and concepts has also promoted the change of visual design forms.

3.2 The development of digital media and the form of visual design are interdependent

The development of digital media has changed the way people live and entertaining, and has a significant impact on traditional art. This has made the visual design of traditional art more dependent on digital media. Under this situation, the commercial attributes of digital media have become stronger. This has also led to more related industries. While innovating visual design forms, it constantly stimulates people's visual experience, promotes the development of its derivative products, and greatly stimulates social and economic development [3]. At present, the form of visual design still relies on digital media for display. The visual impact brought by this sensory stimulation has greatly promoted the development of digital media, and constantly innovated the form of display to meet the needs of people's sensory stimulation.

3.3 The form of visual design changes with the preferences of the public

Nowadays, the development of visual design forms is more diversified, which is the result of people's pursuit of

visual experience. Advances in technology have made digital media display more flexible and diverse, such as the current Douyin, Kuaishou, etc. This form of display can allow people to obtain sensory stimulation anytime and anywhere, and can achieve information interaction, giving visual design forms The nature of communication makes people both the experiencer and creator of visual design, which greatly enriches the form of visual design, breaks the creative limitation of visual design, liberates people's thinking mode, and continuously innovates visual design form [4].

4.CONCLUSION

In summary, the advancement of science and technology has promoted the development of digital media and changed the form of visual design. This is also an inevitable trend of social development. Every update of digital media has a strong impact on people's vision and also changes people. The way of receiving information, and with the advent of the new media era, people's status in the form of visual design has changed, breaking the shackles of traditional concepts, and becoming the creator of visual design. At the same time, the form of visual design follows the pursuit of people's sensory stimulation Continuous innovation has promoted changes in digital media and visual design forms.

REFERENCES

- [1] Zhang Jin. Research on Visual Communication Design under the Influence of Digital Media [D]. Yanshan University, 2012.
- [2] Wang Qibin. Practice of e-commerce visual design classroom teaching reform under the "customized" training mode of digital media art design major[J]. *Caizhi*, 2019(11): 126+128.
- [3] Li Xinhao, Zhu Lina. The way of expressing visual elements in the era of digital media[J]. *Modern Communication*, 2019(21):119-120.
- [4] Li Runrun. Research on the teaching reform of the course "Digital Media Visual Design" based on the OBE educational concept[J]. *Industrial Design*, 2020(08): 48-49.

Exploration and Analysis of The Innovation Countermeasures of Ideological and Political Education Model Based on The Student-Oriented Concept

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Abstract: Ideological and political education is an important way to help students establish correct values, shape noble moral qualities and form a firm stand. The "student-oriented" concept has an important guiding role in the ideological and political education of college students. At present, the student-oriented concept still has shortcomings in ideological and political education. Therefore, it is necessary to innovate the ideological and political education model under the guidance of the student-oriented concept in order to improve the effectiveness of ideological and political education.

Keywords: Student-Oriented; Ideological and Political Education; Innovation

1. INTRODUCTION

The cultivation of youth values has always been the focus of the party and the state. Strengthening the cultivation of values for young college students has a positive effect on improving personal moral quality and establishing a healthy personality. Therefore, ideological and political education should always be run through the education of college students [1]. In the new era, the traditional ideological and political education model has been more challenged. In the past, pure theoretical indoctrination education no longer meets the individual needs of the current educated objects. The educated objects' participation as the main body in the teaching process is obviously insufficient, which seriously affects ideological and political education. Educational effectiveness. Contemporary young college students have more distinctive personalities, more active and open thinking, more external things, strong self-awareness, and new characteristics in their ideological conditions. In this context, the ideological and political education for college students needs to abandon the traditional concepts and carry out various forms of ideological and political education under the guidance of the student-oriented concept.

2. INSUFFICIENCY OF IDEOLOGICAL AND POLITICAL EDUCATION UNDER THE CONCEPT OF STUDENT-ORIENTED

At present, most colleges and universities still take the form of indoctrination in their ideological and political education. Although they have completed the teaching tasks, they have not really paid attention to the acceptance of the educated objects and the effectiveness of teaching. Contemporary college students are pursuing individuality

and have strong needs. Such lack of targeted oral teaching methods cannot play a significant role. As the structure of ideological and political teachers continues to be younger, many teachers have tried to innovate ideological and political education methods at this stage, but the degree of integration between traditional teaching methods and modern education methods is still insufficient, and there is still a certain gap between teaching effectiveness and expected goals. For example, many teachers abandon the traditional teaching mode of simple theoretical explanation and implement online ideological and political education, but they did not consider the actual needs of students when selecting the content. Students are placed in a dominant position, and the teaching effect is not ideal.

3. INNOVATIVE COUNTERMEASURES OF IDEOLOGICAL AND POLITICAL EDUCATION MODE UNDER THE CONCEPT OF STUDENT-ORIENTED

3.1 Enriching the form of ideological and political education

Theoretical and practical education is the main content of traditional ideological and political education. Under the student-oriented concept, it is necessary to consider that the content of ideological and political education is close to the actual life of college students. This is conducive to increasing the attractiveness of students and generating emotional resonance and identification[2]. When choosing the content of ideological and political education, try to select hot topics that students are interested in and pay attention to, and gradually carry out theoretical education and ideological guidance. Changing the traditional forms of ideological and political education, stimulating students' interest in learning, can reasonably use teaching methods such as participatory teaching, case-based teaching, and the combination of multimedia to make the originally boring theoretical classroom more vivid. At the same time, college students are the main force in the current Internet era. The integration of Internet and ideological and political education is an inevitable trend of the development of the times, and it is also in line with the needs of college students. Therefore, teachers need to actively use the network platform to carry out ideological and political education, give full play to the advantages of the network, make network ideological and political education a form of education that college students are willing to accept, and enhance the

effectiveness of ideological and political education. In addition, further strengthen ideological and political practice education activities, encourage students to participate in social practice activities, including social voluntary services, social surveys, etc. By participating in social practice activities, college students can experience the real social environment in person, cultivate good ideological and moral qualities while improving their personal practical ability, and cultivate good traditions and behavior habits. Under the background of the new era, the choice of practical activities is closely related to the employment, learning and personal growth of college students. Practical education is used to cultivate a sense of responsibility, establish professional ethics, and establish noble quality.

3.2 Emotional education is integrated into ideological and political education

Emotional education is an important way to form bonds between teachers and students and establish a harmonious relationship [3]. Through emotional education, students feel the teacher's true feelings and sincere words and deeds, which is conducive to inspire emotional resonance, have a positive impact on college students, and gain the trust of students, which is particularly important for improving the ideological and moral level of college students. Emotional education is built on the basis of equality and respect. Therefore, ideological and political teachers need to spend more time and energy to understand the actual situation of students in depth, always look at problems from the perspective of students, fully understand students, give students meticulous care from all aspects of study and life, and care about students' learning and growth. Circumstances, strengthen the interaction with students and build a good teacher-student relationship. Ideological and political teachers need to grasp the balance between emotion and cognition in the process of ideological and political education, create a good ideological and political education environment, cultivate students' patriotism, and enhance cultural recognition. At the same time, ideological and political teachers fully respect the needs of students' personal dignity, and continue to carry out adaptation education and goal education on this basis, gradually enhance students' emotional adaptation ability and self-adjustment ability, improve social emotional recognition, enhance emotional experience, and promote Continuous improvement of student personality.

3.3 Infiltrate psychological knowledge into ideological and political education

Integrate psychology knowledge into the ideological and political education process, help solve students' psychological problems through psychological theory and education, use psychological counseling, mental health education, psychological counseling and other means to relieve psychological distress, and use various psychological seminars, classroom activities, etc.

Publicize mental health knowledge in different forms, teach students how to adjust themselves, meet their psychological needs, enhance their psychological quality, and promote the improvement of students' moral quality. At the same time, ideological and political teachers need to have certain psychological knowledge, fully mobilize students' initiative in the process of ideological and political education, stimulate students' self-confidence, improve personal identity, guide students to actively participate in social practice, campus activities, etc., and gain a sense of belonging, and feel their own value from it. In addition, ideological and political teachers also need to maintain active communication with students, capture the advantages of each student with a keen eye, and help students develop their own potential. The ideological, political and political education under the student-oriented concept pays more attention to the harmonious development of students' physical and mental health. In the new era, young college students have unique personalities and more hope to be respected by others. Therefore, ideological and political teachers need to understand the needs of students and guide students to maintain a positive and healthy mental state through a variety of educational activities, which is important for cultivating personal moral quality. positive influence.

4.CONCLUSION

In summary, the personal growth of contemporary college students is of great significance to the socio-economic progress and the future development of the country. Colleges and universities are the main front for cultivating talents. While improving the level of students' cultural knowledge, they should pay more attention to the cultivation of ideological and moral qualities. However, the current ideological and political education in colleges and universities still has problems such as lagging education methods and inconsistent with the needs of students. Therefore, it is necessary to integrate the student-oriented concept in ideological and political education, innovate existing teaching models, effectively improve the effectiveness of ideological and political education, and cultivate high-quality talents with all-round development.

REFERENCES

- [1] Cai Huimin, Zheng Guanbo. Research on the student-oriented ideological and political education of college students[J]. Leisure, 2019, (8): 192.
- [2] Zhang Xuexia. Analysis of Strengthening the Management of Ideological and Political Education of Chinese Higher Vocational Students Based on Students[J]. Teaching Method Innovation and Practice, 2019, 2(2):3.
- [3] Liu Hongjun. The construction of a new model of ideological and political education in colleges and universities based on the student-oriented concept[J]. Wit, 2019(21):1.

Problems and Improvement Strategies of Teaching Management of Physical Education Elective Courses in Higher Vocational Colleges

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Abstract: With the continuous development of society, China pays more and more attention to the teaching quality of higher vocational education. Physical education elective course is an important part of higher vocational physical education teaching system and an important plan to cultivate physical education talents. In physical education elective courses, we should emphasize students' main position, meet students' personalized needs, help students obtain physical education theoretical knowledge and improve their physical education ability. In the following, the problems existing in the teaching management of physical education elective courses in higher vocational colleges will be deeply analyzed, so as to put forward improvement strategies.

Keywords: Higher Vocational Colleges; Physical Education Elective Courses; Teaching Management; Existing Problems; Improvement Strategyintroduction

1.INTRODUCTION

Physical education elective course is an important part of higher vocational talent training plan. It is selected by students independently, which can reflect students' personality and the diversified teaching characteristics of higher vocational colleges. It can broaden students' knowledge, improve students' sports skills and exercise students' physical quality. Affected by various factors, there are many problems in Physical Education Elective Courses in higher vocational colleges, which have a direct impact on the improvement of talent training quality.

2. PROBLEMS IN TEACHING MANAGEMENT OF PHYSICAL EDUCATION ELECTIVE COURSES IN HIGHER VOCATIONAL COLLEGES

2.1 students choose physical education courses according to their interests

In Physical Education Elective Courses in higher vocational colleges, some course classrooms are full of people, while some are not attended. The main reason for this phenomenon is that most students choose courses according to their own interests and like to choose entertaining courses. There is a large amount of exercise in unpopular courses, and few people have solved it. In sports elective courses, the maximum number is limited, because the number is limited, many students do not grab their favorite projects and can only choose unpopular sports, which will lead to students losing interest in them.

2.2 high truancy rate of middle school students in Physical Education Elective Courses

After course selection, students begin to enter physical education elective courses, treat them negatively in class,

do not realize the importance of elective courses, regard them as leisure time, and even miss classes and skip classes. Another reason is that there are too many elective courses, teachers can't remember every student, giving students the opportunity to skip classes. High truancy rate is the biggest problem in elective courses, which will occupy the places of students who really want to learn this course. Students choose courses only to obtain corresponding credits, not voluntarily. These problems can not reflect the effect of elective courses. The low attendance rate of students will attack teachers' teaching enthusiasm and lead to unsatisfactory teaching effect.

2.3 students blindly follow the trend in course selection

In the course selection of physical education elective courses, students are at a loss, do not have a clear choice, and fail to have a comprehensive understanding of the course content and nature. Most of them choose courses by virtue of the project name and do not understand their own situation. Higher vocational colleges will arrange students to study, and students have no spare time to carefully select courses, resulting in too blind course selection and unable to select suitable courses from the curriculum. This blindness of course selection will make students feel different from their imagination after entering the course, lose interest in it, and passively accept the indoctrination of teachers in physical education elective courses. In addition, the better the student union and the students with good relations choose the same project, so that the physical education elective course becomes the communication between students. The students make trouble in the classroom, which affects the classroom teaching effect and is extremely unfavorable to the development of students.

3. STRATEGIES FOR IMPROVING TEACHING MANAGEMENT OF PHYSICAL EDUCATION ELECTIVE COURSES

3.1 understand students' practical needs

Under the influence of foreign education, students have the freedom to choose courses. In the curriculum, they begin to increase the proportion of elective courses. Higher vocational physical education elective courses also learn from foreign school running experience and expand the scope of elective courses [1]. In the course setting, in order to enable students to study efficiently, the course setting needs to be combined with students' needs, select courses conducive to the improvement of students' physical quality, and carry out the course setting scientifically [2]. In this way, we can avoid the blindness of curriculum, improve students' learning enthusiasm,

reflect students' dominant position and provide students with relevant teaching services.

3.2 improve the course information

The main purpose of physical education elective courses in higher vocational colleges is to improve students' physical quality, enhance their physical fitness, establish lifelong sports awareness and improve students' employment rate according to students' employment characteristics. The teaching setting of physical education elective courses in higher vocational colleges should focus on the actual learning situation of students, meet the employment needs of students and improve their sports ability. In order to avoid the phenomenon of blind course selection, the school should actively improve the course selection procedure, and put the teaching content, teaching purpose and teacher profile on the course selection website for publicity, so that students can have a comprehensive understanding of it. Give students tips on course selection, let students understand the course content and function, have a basic grasp of teachers' teaching ability, make correct decisions, improve students' sports quality and sports skills, and meet their own professional needs [3].

3.3 improve the teaching staff of Physical Education

If higher vocational colleges want to fundamentally improve the teaching quality, they must establish physical education teaching teams, encourage physical education professors, let them take the lead in setting up physical education elective courses, hire experienced professionals to set up courses, and introduce external personnel to inject vitality into higher vocational colleges. Some characteristic sports can be set up in physical education elective courses to attract students and improve teaching quality. Through a high-level teaching staff to strengthen the teaching effect of physical education elective courses, senior physical education teachers have a better understanding of the latest sports trends and know how to improve students' physical quality, which can give students more targeted and correct guidance. While establishing a teaching team, regularly organizing physical education teachers to participate in training can better develop teachers' potential, master the latest sports skills, use effective physical education teaching methods, and improve students' physical literacy in the setting of physical education elective courses [4].

3.4 establish a reasonable and scientific assessment system

At this stage, in Physical Education Elective Courses in higher vocational colleges, the assessment system is not perfect, and there are some problems in the implementation process, which have an adverse impact on the improvement of physical education teaching quality. Higher vocational colleges should establish an assessment

system in combination with the contents of elective courses and adopt diversified forms of assessment to avoid the phenomenon of too single assessment. The existing evaluation methods are not scientific enough to make an effective evaluation of the students' mastery of the curriculum. Teachers fail to reasonably choose the evaluation methods. Most of them understand the students' learning situation and evaluate the teaching effect and teaching quality through the final practical examination results. Higher vocational colleges can establish an assessment system based on the differences between students, such as evaluating the teaching process, learning attitude and learning enthusiasm, so as to help students find their own flash points and improve their learning enthusiasm. In addition, it is also necessary to improve teachers' teaching level, correct teaching attitude, follow the assessment system to give students guidance, and provide guarantee for the teaching quality of physical education elective courses [5].

4. CONCLUSION

According to the above, in the existing teaching management of physical education elective courses in higher vocational colleges, the existing problems have a great impact on the curriculum, resulting in unreasonable elective curriculum and difficult to achieve the purpose of curriculum. Higher vocational college managers must pay full attention to the existing problems, put forward effective solutions, and achieve the purpose of cultivating students' sports quality through scientific and reasonable elective courses, so as to lay a good foundation for future career development.

REFERENCE

- [1] Luo Wenquan. on the current situation and Countermeasures of physical education elective courses in Higher Vocational Colleges [J]. Research on ice and snow sports innovation, 2020 (19): 2.
- [2] Jia Yulong. on the development and practice of physical education elective courses in Higher Vocational Colleges [J]. Sports fashion, 2019 (1): 2.
- [3] Wang Xianbing, Gu Xiang. on the ideological and political value of public sports courses in Higher Vocational Colleges -- Taking football course as an example [J]. Boxing and fighting, 2019 (10x): 1.
- [4] Xu Jie. Analysis on the impact of physical education elective courses on students' mental health in Higher Vocational Colleges [J]. Contemporary sports technology, 2019, 9 (24): 2
- [5] Han Wentao. The role of physical education elective courses in Higher Vocational Colleges in improving students' quality [J]. 2021(2013-16):109-109.

A Modern Interpretation of Gannan Hakka House Culture in The Campus Landscape

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Abstract: Gannan Hakka walled houses are the most comprehensive reflection of the Hakka culture entity, is a distinct symbol of the Hakka people, hakka life pattern, cultural pattern, regional environment, historical background of the product. It is the spiritual treasure house of The Hakka people as well as a very important material carrier of the Hakka culture in southern Jiangxi. Taking the conceptual design of campus landscape as an example, this paper introduces the culture of gannan Hakka enclosure into landscape space design. Through the design symbols to stimulate the vitality of space, connect space with people, strive to increase the identity of the place, make the design more vitality and attraction, contribute to the inheritance and development of Hakka culture.

Keywords: Gannan Hakka House Culture; Campus; Landscape

1. CAMPUS LANDSCAPE

As the cradle of creating civilization, extending culture and cultivating talents, campus is not only a place for students to live and grow, but also a carrier to cultivate students' spiritual civilization. The spirit of university can be conveyed through campus landscape [1]. Campus landscape provides extended space and rest place for students besides life and study, rich humanistic atmosphere and cultural deposits also make it more connotation. University is a place of education and cultural base for students to impart knowledge and solve puzzles. Students in such a campus are bound to be immersed and influenced by profound cultural environment. Therefore, how to embody profound cultural deposits and humanistic feelings in the campus landscape design, and at the same time to meet the various needs of teachers and students has become the primary problem to be considered in the design.

The campus landscape should follow the uniqueness of the site. Different universities have formed different campus cultures due to their different regions and historical cultures. Influenced by the geographical conditions and cultural traditions of the city, the landscape design of university campus must conform to the local climate characteristics, and can appropriately introduce the city's historical context, so as to make it have its own unique cultural charm and landscape characteristics.

2. THE EXPRESSION OF THE HAKKA BESIEGED HOUSE CULTURE IN THE CAMPUS LANDSCAPE

For better exploration of hakka round modern interpretation of culture in the campus landscape, landscape conceptual scheme design of campus culture square site location ganzhou a university campus, to the "memory", the hakka context should arouse the campus as

a starting point, from the design level depth excavation site culture, carefully reading of hakka culture connotation, combining with the landscape functional requirements, Refine aesthetic elements to reshape landscape space.

Landscape architecture bearing humanities and artistic functions is the physical and physical expression of university spirit. Landscape architecture often increases the readability of facilities through the expression of shape, so as to facilitate the public to fully understand and comprehend the ideological, emotional, historical and other spiritual concepts contained in it. of hakka round round modelling is mainly distributed in the south, longnan, such as the south county, exterior wall as well as jiangxi mostly round using the adobe bricks, and building volume is much smaller than minnan round, blended in gannan's hall, the first type of elements, become the jiangxi local architecture, can be said to be a combination of both jiangxi and fujian hakka round. The space layout and interior decoration of gannan Hakka enclosure houses contain rich design ideas of bionic objects. Among them, the construction of hakka circle is a craftsman like heaven, law and earth, that is, to imitate the cosmic schema of heaven and earth, and pursue harmony with nature [2].

The design of the main architectural art exhibition hall in the campus culture square is based on the gsouthern Hakka round enclosure house, which is re-interpreted by the innovative methods of imitating its shape, taking improvement, adopting its material, expressing its meaning and conveying its god, and also makes the imprint of hakka enclosure house culture more deeply imprinted in the hearts of contemporary people. In addition, the circle has the rich spiritual connotation of "empty and solid", "existence and absence", "heaven and earth", "Yin and Yang", "dynamic and static" and so on. As a building, the circular building can give people rich aesthetic enjoyment. The interior of the art exhibition hall draws lessons from the orderly arrangement and strewn height of the circular enclosure, which makes it have a rich sense of rhythm and rhythm. Building center is open circular patio, if the body is in the courtyard, raise looking up to heaven, visible circular roof bit a round sky trajectory, dazzle light in the sky, though has weakened because of the influence of the roof, but the light becomes downy, and under the sky space, layer upon layer of roof, according to a circle layer upon layer, showing infinite sense of tall and straight. The architectural design of the art exhibition hall well reflects the artistic implication of hakka building in hakka settlement. "Closed and open coexist", "mountain and water closely cooperate", and the outer wall of the building is more than ten meters high and has no "blank" of any decoration, just like the blank space

in landscape painting, the void and reality are born together (See Figure 1).

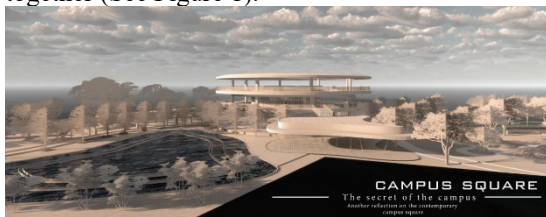


Figure 1. Campus Culture Square Landscape (painted by author)
The Hakka, as the Han people in central China who moved south, inherited the main component of cultural consciousness with Confucianism as the core [3]. The Hakka emphasized literature and education, and passed down the family through cultivation. Therefore, in the design of the square outside the art exhibition hall building, the leisure area, sunken square, still pool and planting area are divided based on the current basic conditions of the site. Humanized design is fully injected into the design process to meet the different needs of outdoor communication between teachers and students (See Figure 2). In terms of planting design, ornamental grass and plant flower landscape are used to create and integrate into the design, and rich ornamental grass and flower varieties are used to create and emphasize the spatial characteristics and theme characteristics of the scene, which also continuously strengthen the integrity and interest of the square. Tree pools are properly connected on both sides of the road or the area of planting pools is expanded to improve the growth environment of trees in the current situation and increase the green viewing rate. Roadside greening is coordinated with node space to increase the varieties of plants for leaf viewing, enrich the ornamental levels and seasonal changes, and create delicate and rhythmic plant landscapes (see Figure 3).



Figure 2. Square outside the art exhibition Hall (painted by the author)



Figure 3. Planting Area Design (author's own drawing)

3.CONCLUSION

The vitality and attraction of a university campus lies not only in the growth of the education and life content and practice it can accommodate, but also in its distinctive living environment and the campus culture formed on this basis. Looking for nature in the enclosed space is one thing that we strive to do in the whole design, and also throughout the whole design. Encirclement is not to confine us, but to create an environment where we can seek, experience and feel nature. Through the shaping of rich and varied campus space form, the infiltration of ecological energy saving concept and humanistic concept, to create an open and sustainable campus environment, in order to show the modern interpretation of Gannan Hakka culture in the campus.

ACKNOWLEDGEMENTS

Social Science Research Project of Ganzhou City "Inheritance and Application of Gannan Hakka House Culture in Landscape Design". Project No. 2021-027-0046.

REFERENCES

- [1] Zhang Jun, Sun Yao. College Campus Planning led by Ecological Humanistic Concept -- Thinking on Campus Design of Jilin Jiaotong Vocational and Technical College [J], Huazhong Architecture, 2011, 9: 60-64.
- [2] He Xiaotan. Feng Shui Exploration [M]. Beijing: Southeast University Press, 1990: 99-101
- [3] Huang Jieming. On the modern transformation of Hakka spirit and Hakka traditional culture [J]. Journal of Fujian Institute of Socialism, 2011, 84 (3): 45-48.

The Oral History Value and Formation Process of The Older Generation of Sinologists in Mongolia: Based on The Construction and Dissemination of The International Image of the China in The Past Century

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Abstract: This paper focuses on the oral history value and formation process of the older generation of Sinologists in Mongolia from the perspective of the construction and dissemination of the international image of the (C-P-C) in the past century and puts forward the urgency and importance of exploring the precious oral history of the older generation of Mongolia.

Keywords: Centennial image; Mongolian Sinologists; Oral history

1. INTRODUCTION

After the 100th anniversary of the founding of the C-P of China, China is more eager than ever to understand the international community's perception and evaluation of the 100-year history of the C-P of China. Due to different factors such as geopolitics, political system and values, there are great differences in the process of understanding the image of the (C-P-C) in different overseas countries. China already has a certain understanding of the image of the (C-P-C) created by the Western world and the media, but the neighboring countries that have the closest geographical relationship with China and the most closely connected community of destiny have become the "most familiar strangers" in this regard.

2. THE ORAL HISTORY VALUE OF THE OLDER GENERATION OF SINOLOGISTS IN MONGOLIA

Mongolia is not only an important neighbor of China, but also a country along the "Belt and Road". Political parties of the two countries have maintained close exchanges and cooperation since their establishment in the same year. The older generation of Sinologists in Mongolia were the participants and witnesses of the period. China-Mongolia relations are complicated and ups and downs. In the early stage of the development of China-Mongolia friendship, they were the envoys of China-Mongolia friendship; they were witnesses and victims at the stage of deteriorating relations between the two countries; they were the promoters at the recovery stage of the relationship between the two countries; when the relationship between the two countries entered the best period, they are the backbone and witnesses; entering the new age, they are gray-haired and old. They are the first group to recognize and construct the international image of the (C-P-C), and they are also a group of Sinologists who have known

China's international image for the longest time and have the most in-depth knowledge.

Their Chinese stories are in urgent need of rescue excavation and sorting. The research of this group will help our country to understand how neighboring countries recognize and build the image of the (C-P-C) for a century, and it will also help to tell my country's stories well and consolidate China-Mongolia relations.

3. FORMATION PROCESS OF THE OLDER GENERATION OF SINOLOGISTS IN MONGOLIA

There are one concept and one problem that need to be defined about "the older generation of Mongolian Sinologists".

Firstly, what is the "older generation of Sinologists"? The so-called "older generation of Sinologists" is relative to "young Sinologists", and there is currently no clear definition of this group in the academic world. By sorting out the literature, and in the order of time and major historical events, we can roughly divide the older generation of Sinologists in Mongolia into three stages according to the number of people studying Chinese, literature, philosophy and other humanities and social sciences of China. Corresponding to three academic schools.

In the first stage, there were about 20 Sinologists (1952-1968) who stayed in China. From the signing of the "Mongolia-China Economic, Cultural and Educational Cooperation Agreement" after the establishment of diplomatic relations between China and Mongolia in 1952 until the outbreak of the Cultural Revolution, the agreement was abolished, and the students returned to China. They are the founders of contemporary Mongolian Sinology research.

The second stage is about 45 local Sinologists (1957-1968). From September 1957, when Mongolian National University opened a Chinese class in the Department of Language and Literature, to the outbreak of the Cultural Revolution in 1968, Sino-Mongolian relations deteriorated and Mongolia stopped teaching Chinese. They were the first generation of local Sinologists trained by teachers who returned from studying in China at that time.

In the third stage, there were about 79 Sinologists who stayed in Russia and the second generation of local

Sinologists (1973-1989). Since the 28th United Nations General Assembly in 1973 listed Chinese as one of the working languages of the General Assembly and the Security Council, China has restarted education in China, and Mongolia has taken a two-pronged approach. From the beginning, until 1989, the relations between the two countries and the mutual relations between the ruling parties of the two countries were normalized.

We estimated that the age of this group was about 55-90 years old and up. Therefore, the "older generation of Sinologists" we define refers specifically to the group of Sinologists who have experienced or witnessed the friendly development, deterioration, hostility, and slow recovery of the establishment of diplomatic relations between China and Mongolia. Because only with such a rich and unforgettable experience, can we have a deeper understanding of the sharp contrast between the rapid warming of China-Mongolia relations from 1990 to the present, the best period in history, and the entry of China into a new era.

Secondly, it is about the research status of the older generation of Sinologists in Mongolia. However, although there were about 144 people learning Chinese at that time, it is still a vague concept how many "older Mongolian Sinologists" are. Because those who first studied Sinology in that era did not necessarily become Sinologists. Secondly, in a special era, some Sinology students were persecuted and killed. In addition to those who died of natural causes, it is still a work that needs to be carefully found out how many people are still in this group.

Related research on this group is scattered in some literatures from Mongolia and China. Some related documents recorded the older generation of Mongolian Sinologists studying abroad. The general situation of China and the research results of Sinology, but because it is not the focus of the research, it only roughly explains the number of students studying abroad, the research results of majors and representative figures.

Mongolian young and middle-aged Sinologists Wen Dehua, Batmaa, and Egshige (2019) focused on the relevant achievements of Mongolian sinology training and sinologist research since the 1990s. These studies have enabled us to learn about some of the older generation of Sinologists who are still active in academia. They belong to the youngest generation among the older generation of Sinologists, and they are now about 55-65 years old. They are the leaders of contemporary Mongolian sinology research. This provides a good basis for our research. However, the above research focuses on their academic work and achievements, and the understanding of their Chinese life history, Chinese stories, and Chinese views is not deep enough to provide strong support for the theme of this topic.

4. THE ORAL AND INTERVIEW RESEARCH ON THE OLDER GENERATION OF SINOLOGISTS IN MONGOLIA IS VERY VALUABLE, BUT IT IS VERY SCATTERED AND WEAK, AND NEEDS

COMPREHENSIVE AND IN-DEPTH RESEARCH

The study of the 100-year-old image of the Chinese C-P of the older generation of Sinologists in Mongolia is mainly reflected in the oral and interview research conducted by Chinese and Mongolian scholars on the older generation of Sinologists. These oral and interview materials are not only lively and interesting, but also highly readable, and many of them involve their personal experience of Sino-Mongolian relations and their views and evaluations on China and the (C-P-C), which are of non-important reference value.

However, first of all, the theme of these oral materials is always "Mongolian Sinology Research", and the focus is not on "China-Mongolia relations", "the image of the (C-P-C)", etc. Second, the above research time is at the latest in 2016, and it is impossible to obtain the group's views on China in the new era. In view of the image of the (C-P-C), the number of re-interviews was relatively small, mainly focused on professors and scholars, and lacked attention to other older generation of Sinologists. Finally, the interviews were only recorded in words, and many precious audio-visual information could not be preserved. The older generation of Sinologists in the first and second echelons are old and their health is not very good. Their collective memory, especially their understanding of the century-old image of the (C-P-C) Rescue excavation and conservation are urgently needed.

5. CONCLUSION

Socialism with Chinese characteristics has entered a new era, and academic research on the content, perspective, groups, and regions of the (C-P-C)'s international image research is not rich and diverse enough, and it is difficult to reflect the full picture of the (C-P-C)'s international image. Selecting neighboring countries to conduct research on the (C-P-C)'s century-old image of the Chinese community can better make up for its insufficiency, and play an important role in supplementing, enriching, and promoting the study of the (C-P-C)'s century-old image.

ACKNOWLEDGEMENTS

Global funding program of International Society for Chinese Language Teaching (SH21Y09). Humanities and Social Sciences Research Project of Chongqing Municipal Education Commission (20SKGH216). Teaching Resources Construction Project of Language Education and Cooperation of the Ministry of Education (YHJC21YB-072).

REFERENCE

- [1] Wen Dehua, Batmaa, and Egshige Contemporary Sinology Teaching and Research in Mongolia--1990s to present (2019) [J]. HanFeng, 2019.
- [2] Zhu Xiaoi and Shi Zhiyu Mongolian Sinology and Chinese Studies: A Brief History, Periods, and Characters [M] National Taiwan University Politics China Center, 2013.

On The National Characteristics in The Development of Modern Chinese Piano Music

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Abstract: In the mid and late 19th century, Western piano music was introduced to China. Chinese composers made national explorations on the basis of Western piano music creation. They adapted and re-created many traditional Chinese music while also creating The piano works with national characteristics of our country, such as "Sunset Xiaogu", "Colorful Clouds Chasing the Moon", "Pinghu Autumn Moon", etc., have enriched the artistic expression of piano. This article analyzes and discusses the development of modern Chinese piano music and its national characteristics.

Keywords: China; Modern Piano Music; National Characteristics

1. INTRODUCTION

Since the introduction of Western piano music into China in the mid to late 19th century, Chinese piano music has undergone more than one hundred years of development. However, before 1949, the development of piano music in China was relatively slow. During the school music and song period, piano music officially entered the higher education classrooms. It was not until 1915 that Zhao Yuanren composed China's first piano work "Peace March". Since then, Zhao Yuanren, Ma Sicong, Jiang Wenye, Xiao Youmei, He Luting, Sang Tong and others have continued to explore and try Chinese piano music, but in general, the number of works is limited, the length of the works is relatively short, and the development is relatively slow.

After 1949, my country's piano music has developed rapidly, and composers such as Ding Shande, Li Yinghai, Chen Peixun, Wang Lisan, Wang Jianzhong, Chu Wanghua and other composers have emerged, who have integrated the elements of traditional Chinese music and the creation techniques of national instrumental music into our piano works. Among the adaptations and creations, many excellent piano works have been created, such as: "Sunset Xiaogu", "Pinghu Autumn Moon", "Three Lanes of Plum Blossoms", "Hundred Birds Chaofeng", etc., which expanded the piano as a Western instrumental music. The audience has promoted the development of piano in China and made a significant contribution to the development of Chinese piano works.

2. THE DEVELOPMENT OF MODERN CHINESE PIANO MUSIC

2.1 Chinese modern piano music

Modern Chinese piano music refers to the creation and development of piano music in my country in the past few decades since the founding of the People's Republic of China in 1949. In the past few decades, Chinese composers have not only received, learned, and borrowed

from the outstanding achievements of human music and culture, they have also created piano works with Chinese national elements. China's own piano music has also developed, forming piano works of various styles and various themes.

2.2 Representatives and main works of modern Chinese piano music

After the founding of the People's Republic of my country, many outstanding composers emerged in our country, including Ding Shande, Li Yinghai, Chen Peixun, Chu Wanghua, Wang Jianzhong and others. They created a large number of piano works with Chinese national elements, which contributed to the development of modern Chinese piano music. Made a huge contribution. The main composers and representative works are as follows:

Ding Shande: In 1950, he created "The First Xinjiang Dance", and in 1955, he created "The Second Xinjiang Dance", etc.;

Li Yinghai: Created "Sunset Xiaogu" in 1975, and "Yangguan Sandie" in 1978;

Chen Peixun: "Shuangfei Butterfly Theme Variations", "Pinghu Autumn Moon" created in 1975, etc.;

Chu Wanghua: In 1964, he created "Days of Turning Over", "The Moon Reflected in Two Springs", and "Liuyang River" in 1973;

Wang Lisan: "Orchid Flower", "Higashiyama Kaii Painting" created in 1980

Wang Jianzhong: "Hundred Birds Facing the Phoenix", "Three Lanes of Plum Blossoms", "Embroidered Golden Plaque", "Colorful Clouds Chasing the Moon", "Five Folk Songs in Northern Shaanxi", etc.;

3. REASONS FOR THE NATIONALIZATION OF CHINESE PIANO MUSIC

After the Opium War, the piano was introduced to China as a commodity, but it did not spread in China. First, there were fewer foreigners and Western schools established in China in the mid-18th century. Second, the conditions were limited at that time. This expensive musical instrument is difficult to accept. After the Second Opium War, the piano gradually became popular in China. However, due to the relatively short development time of Chinese piano music, its spread is not wide and its foundation is not solid, and it has been only familiar with the five-tone mode for a long time. Small, so the piano is not very popular in China. After the founding of the People's Republic of China, Chinese composers such as Li Yinghai, Wang Jianzhong, Ding Shande, and Chen Peixun adapted and re-created Chinese folk music in order to better spread piano music and expand the audience of the piano, such as: "Sunset Xiaogu", "Three Lanes of

Plum Blossoms", "Two Springs Reflected in the Moon", "Shuangfei Butterfly Theme Variations", etc. At the same time, Chinese traditional music elements are applied to the creation of piano works, and many piano works with Chinese national characteristics have been created, such as: "The First Xinjiang Dance" and "The Second Xinjiang Dance" have enriched the artistic expression of piano, expanded the audience of piano music, and made a significant contribution to the development of piano music in China.

4. THE EXPLORATION OF THE NATIONALIZATION OF CHINESE PIANO WORKS

4.1 Title Features

Since the founding of the People's Republic of China, composers have made a lot of explorations on the nationalization of piano music. In the creation of modern Chinese piano works, many works use the title of Chinese traditional instrumental music as the title of the work. These works are basically piano works adapted from traditional Chinese music, such as: Li Yinghai's "Sunset Xiaogu", "Meihua San Lanes, Pinghu Autumn Moon by Chen Peixun, Variations on the Theme of Two Flying Butterflies, Chu Wanghua's "Two Springs Reflecting the Moon", Wang Jianzhong's "Hundred Birds in the Phoenix", "Three Lanes in Plum Blossoms", "Colorful Clouds Chasing the Moon", etc. Both use the titles of Chinese traditional folk music, and at the same time adapt and "re-create" traditional Chinese folk music, which is an important feature of Chinese piano music style.

4.2 Structural adaptation

Many Chinese piano works are adapted from Chinese folk music and instrumental music. For example, Li Yinghai's "Sunset Xiaogu" is based on the pipa song "Spring River, Flowers and Moonlight", and Chu Wanghua's "Two Springs Reflected in the Moon" is based on Hua Yan Jun's erhu work of the same name was adapted. The composer adapted the entire work on the basis of the national music, expanded the structural paragraphs of the original work, and enriched the expressive power of the work. The composer was based on the musical structure of Western music. , Adopting the introduction-theme-variation-adding flower variation-reappearance in the national music of our country's national music, adding the techniques of "joining the head", "changing the tail" and "fishing the tail" in the middle to achieve the purpose of changing and reappearing.

4.3 Creative Techniques

Modern Chinese piano works contain many unique Chinese national elements, such as "fish biting the tail", such as Li Yinghai's "Sunset Xiaogu", using the "fish biting the tail" creative technique, as in Example 1:



There are still many places in the creation of Chinese piano works that imitate the sounds of national music, use plucked music to play the piano, and have successively produced various methods of performance. These

characteristics are similar in that the original tune is re-arranged and interpreted with the help of new instruments. In the work "Sunset Xiaogu", the composer put many folk music performance techniques in the piano works, such as the beginning of the work uses the ring finger and remote finger technique in the zither, see example 2 and 3:

Spectrum example 2:



Spectrum example 3:



4.4 Melody writing

While Chinese composers inherited and adapted Chinese folk music, they also created many piano works with distinctive national characteristics. In terms of melody writing, most of them are based on the pentatonic tones of Gong, Shang, Jiao, Zheng, and Yu commonly used in traditional Chinese music. They have the characteristics and meaning of traditional Chinese folk music. Such as spectrum example 4:



Chinese piano works mainly inherit the melody of Chinese national instrumental music works, and at the same time add complex techniques in piano, making Chinese piano works more three-dimensional and express more diverse and rich forms.

4.5 Harmony Writing

In terms of harmony writing, traditional Chinese music has always been characterized by monophonic thinking in the course of its development over the past thousands of years. Although in the vast majority of traditional music, there are also musical forms such as multi-voice folk songs, but in general Generally speaking, Chinese music is dominated by monophonic "linear thinking". Chinese piano works continue to carry forward the results of the exploration of the nationalization of harmony, instead of repeatedly using vertical harmony links, but relying on the horizontal connection form with a strong sense of melody, one high and one low two single lines, ups and downs, complement each other , Formed a unique harmony style

with European classical harmony and exuding Chinese national color. The most typical of these are:

4.5.1 Nationalization of Harmony-Integrating the elements of Chinese national harmony into traditional Western major and minor harmonics, so as to ensure that the harmony is consistent with the characteristics of the melody mode and the national aesthetic habits, such as: five-tone vertical integration Chords, the parallel progression of three- and six-degree harmony, etc.;

4.5.2 Nationalization of melody-transplanting folk melody, transforming the main means of expressing the Chinese style of piano music into creating a nationalized melody;

4.5.3 Nationalization of timbre and charm-based on the characteristics of the piano, the use of sound areas, playing methods, timbre, and decorative sounds to simulate the decorative tone and tone of Chinese music, such as: guzheng finger shaking, scratching, pipa The technique of finger rotation and other techniques are used in the creation of piano works to express the timbre and charm of national music, showing the different characteristics of national music and western music in structure, cultural connotation, tone, and artistic conception, showing the inheritance of Chinese piano music The characteristics of Chinese music culture.

After the founding of the People's Republic of China, the composers Li Yinghai, Chen Peixun, Wang Jianzhong integrated many Chinese national elements into their creations, and applied many creative techniques such as fingering, scratching, and shaking fingers in national instrumental works to the adaptation and adaptation of Chinese piano works. In the creation, it has enriched the expressive form and expressive power of Chinese piano works, embodied the unique meaning and charm of Chinese national music, and had a strong national character.

REFERENCES

- [1] Wu Yu. on Chinese Piano Adaptations and the Chinese Style of Chinese Music [J]. Journal of Southwest University, 2006.
- [2] Dai Baisheng. What is the "Chinese Style" of Piano Music-A Study of Chinese Piano Music from a Cultural Perspective [J]. Chinese Musicology, 2007.
- [3] Chen Wenhong. Analysis of the 20th Century Chinese Piano Music Style [J]. Music Style, 2008.
- [4] Han Lu. The Creative Features of Modern Chinese Piano Music [J]. Art Technology, 2014.