EXPLORATION AND PRACTICE OF TEXTILE AND CLOTHING TRAINING BASE CONSTRUCTION

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ABSTRACT

In order to improve vocational education level of local economy. The textile and clothing training base under Yueda Textile Industry Institute mode was built. The basic situation and construction ideas of the base were sorted out, the construction contents of the productive practical training base were established, the main measures of the base construction were defined, and the functions of the base in the aspects of practical training topics, skill appraisal, talent cultivation and production practice were realized. Further improved the technical promotion ability of the training base to serve the teachers and students, enterprise employed and opened to the whole society. The construction of an open training base for textile and garment skills would provide talent support and technical services for the development of modern textile and garment industry.

KEYWORDS

Textile, Institute of industrial, Production, Training base, Construction.

INTRODUCTION

In recent years, it has issued a series of documents, regulations and action that plans to deepen the integration of industry and education. It accelerates the development of modern vocational education, establishes a modern vocational education system, and improves the capacity and level of vocational education to serve local economic and social development in China. The industry implemented the dual main body, five integration, the diversified educational system, and established a modern industrial college under the leadership of the council. It was actively prepared to build a cross-industry integration textile and garment training base for modern textile technology specialty (referred to as the “Base”). During the construction of Jiangsu demonstrative colleges, Jiangsu Yueda Textile Group and Hengwei Industrial Group invested more than 2 million yuan in the innovation of talent training mode, curriculum system reform, construction of teaching staff and construction of experimental and practical training conditions for the two key construction majors of textile and clothing in the demonstrative colleges in various ways. At the same time, diversified talent training modes such as joint named order training and work alternation would be carried out, training programs would be formulated according to the requirements of professional positions, and professional courses of technical standard development would be introduced. Based on the “Yueda Industrial College” under the council system of industry-education cooperative construction. The paper explored the model of "school-in-factory" and "school-in-factory" practice and training base.
CONSTRUCTION THOUGHTS OF TEXTILE AND GARMENT TRAINING BASE

Under the guidance of the school council, relying on the textile major, the school took the lead to set up Yancheng Textile vocational education. The alliance improved the science and technology research platform and formed a three-tiered development system of province, city and university. Yueda Textile Group was the national textile industry top 50 enterprises. The two parties jointly planned the development, internal organization, talent training, hardware and software resources, managed the operation of the industrial college, technological research and other achievements as well as the risks of running the school. To comprehensively explore mixed ownership, it broke through the bottleneck of school-enterprise dual-subject education, constructed the internal circulation of school-running profits, and built Yueda Industrial College with "public nature, mixed system and market mechanism". Yancheng education resource sharing mechanism had been established, and professional skills training had been carried out for vocational colleges. Skill appraisal actively promoted the reform of long-term system and mechanism of school-enterprise cooperation, and established school-enterprise regulation mechanism and enterprise resource sharing mechanism. A new mode of cooperation between schools, professional parks and industry associations had been formed, and the school-enterprise collaborative education mechanism had been successfully practiced.

Under the mode of industrial College, relying on high-quality resources such as the national textile and garment training base and Jiangsu ecological engineering technology center, the university's main professional chain was connected with the "double chain" of the local pillar industrial chain, the "double education" integration of theoretical and practical teaching, the "double certificate" integration of academic certificate and vocational qualification certificate, school culture and enterprise culture "dual" interaction of the talent training mode. Adhering to the principle of openness and sharing, mutual benefit and win-win, with an international perspective, it built a green intelligent textile and garment cloud training platform and achieved the demonstration of skilled personnel training, practical teachers, industry-education cooperation and advanced management demonstration. The base was opened to the whole society and promoted the comprehensive benefit of textile and garment professional groups. The textile and garment training base was built into the first class in China, providing talent support and technical services for the development of modern textile and garment industry.

CONSTRUCTION PRACTICE OF TEXTILE AND GARMENT TRAINING BASE

In accordance with the requirements of "production training, skill appraisal, industry-university-research cooperation, student innovation and entrepreneurship", relying on Yueda Industrial College, the base was built on-campus skill training platform of textile testing center, textile design center, textile production center, skill appraisal and training center. The base was built into a national textile and garment training base integrating skills training, skills appraisal, project research and innovation functions.

Using virtual technology to build base testing center

Relying on the national textile and garment training base, Yancheng government took the lead of Yancheng Big Data Industrial Park to create a smart cloud platform. Jiangsu Yueda cotton textile Co., Ltd. and Yancheng fiber inspection institute jointly built cloud testing center. It helped enterprises to release testing supply and demand information, built simulation testing projects and their operation process with enterprises, and diagnosed and analyzed the collected data with cloud computing technology. On the one hand, it helped enterprises to solve product quality problems in production practice. On the other hand, it summarized the data and used it in teaching cases such as textile material testing and spinning technology. Textile material testing simulation platform could be used as an online cloud training resource for campus teaching and social personnel.
Building the design center through green design

Relying on Yueda home textile research and development center and garment design center in the university, and adopting the cooperation mode of the designer's individual intelligence as a shareholder, the online cloud design center was built, focusing on the construction of ecological environmental protection green textile material training room and garment intelligent research and development center. Cloud design center helped teachers and students and designers to achieve the design and development of products market operation.

Building the manufacturing center through the smart workshop

It was an important means to solve the problem of disconnection between talent cultivation and production demand of enterprises by using simulation technology, creating intelligent production workshop and building real-scene teaching center of school-enterprise remote system. On the basis of the original national textile and garment training base, through the reconstruction of spinning and weaving production training room, NI virtual instrument platform, machine vision system and other equipment, it was used to research intelligent and energy saving textile production equipment. Textile factory lieutenant colonel in the real teaching center, it helped enterprises analysis in the production of quality problems, and it helped them analyze and solve quality problems. The real teaching center could put forward reasonable suggestions, constantly improved the level of enterprise information, helped enterprises to use digital factory.

Building marketing center through green supply

With the help of Internet, relying on Jiangsu Hengwei industrial group, the garment e-commerce training center was built. Through conducting e-commerce entrepreneurship cognition, entrepreneurship training, entrepreneurship simulation and entrepreneurship were combated for students, integrating enterprise education resources, and cooperating with enterprises to jointly develop clothing e-commerce training teaching resources and training projects. In combination with the Textile and Garment College, the base carried out e-commerce knowledge training and network product operation training, and helped students with dreams to start their own businesses successfully.

TEACHING MODE CONSTRUCTION OF BASE

According to different users and needs, the base adopted apprenticeship training mode, short-term intensive training mode. The base developed relevant training courses, skill packages, teaching materials, operation manuals and other materials to meet the needs of trainees and improved the training effect.

Modern apprenticeship training model

The practice training adopted the practice training mode of "entering the school means to enter the enterprise, taking class means to start to work". It implemented the dual tutor training of "master and teacher". The modern apprenticeship teaching mode was implemented on the platform of "middle school and middle school". According to the latest professional standards, industry standards and job specifications of key enterprises in the textile and garment industry, it combined with the actual job process to sort out the job skills menu of typical enterprises. To construct the professional practice teaching system of "full reality, whole process and whole project", it could reflect the characteristic resources of practice teaching and school-enterprise cooperation education oriented by doing and learning.

Short-term intensive training mode

According to the professional skills needs of teachers in colleges and universities, short-term training of core professional skills was carried out in combination with the characteristics of the industry and teaching standards. Training courses, module skill packages, teaching materials and training manuals were developed to meet the production needs of enterprise employees and social unemployed people, and realized customized training content and training mode.
Technical research and development training mode
Relying on the industrial advantages of the training base, centering on the modern textile and garment industry chain, gathering high-quality social resources, development and promotion of new textile products, new processes, new technologies and new models were carried out research. We invited teachers and students from all over the country to join in the research and development in the form of bidding. The innovation consciousness and ability of teachers and students were expanded. The core competitiveness of talent training has been enhanced.

“Internet Practical training” mode
With the modern textile and garment industry Internet technology, the practical training base of industrial college as the main body, and other off-campus practical training bases as the radiation point, the practical training platform of textile and garment enterprise informatization management has been established. In accordance with the principle of modularization, functionalization and integration, typical workshop information compound networking application subsystems in spinning.

CONCLUSION
The textile and garment training base with the background of industrial college had perfect equipment, rich online resources, processing center, testing center, design center and training center. It could meet the practical subject, skill appraisal, teachers, teaching, production practice, at the same time it could promote practical training services, enterprise employees from teachers and students, and opened to the whole society technology popularization ability. The base also laid a foundation for students to participate in enterprise practice, further improved students' skills and realized resource sharing. The construction of textile and garment training base under the background of industrial College adapted to the transformation and upgrading requirements of Internet and enterprises. This mode effectively promoted the continuous and in-depth reform of higher vocational education and the construction of high-level professional group of modern textile technology, and had a profound influence on the future development of vocational education in schools.

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