

# The Innovation Path of College Education Management Informatization Based on Craftsman Spirit

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**Abstract:** Craftsman spirit is one of the important spirits worth learning. It is the spirit that contemporary college students should have in addition to the specialized courses. At present, our country is in an important stage of economic development, and with the continuous development of all walks of life, the craftsman spirit has been inherited, at the same time, the craftsman spirit must also be included into the construction of educational management information technology in colleges and universities, cultivate this spirit so that students can hold a place in the future under the background of the strong demand for talents.

**Keywords:** Craftsman spirit; Educational management; Information analysis

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The arrival of information age makes Internet technology to be widely used in all walks of life in our country, it begins to develop value in a large range in society. For the field of higher education, information technology also plays a vital role. It not only makes the mode of higher education management get a new development direction, but also brings new opportunities for higher education management<sup>[1]</sup>. It plays a vital role in improving the efficiency and quality of higher education management. The innovation of college education management mode in the information age is the inevitable trend of the future development of college education management. It can not only comply with the requirements of the development of college education, but also effectively stimulate students' learning enthusiasm and enhance their learning efficiency, which has a key significance for promoting the comprehensive implementation of quality education in colleges and universities. Therefore, this paper explores the innovation and practice of the mode of university education management in the information age, hoping to provide useful suggestions and references for the staff of university education management.

## 1. Core analysis of craftsman spirit

Dedication is a kind of spirit that professional workers treat their work with due diligence. At the same time, this kind of spirit already existed in our tradition, is the most basic one of craftsman spirit. Only the true love of their work can make the two words perfect integration in the daily work. In order to achieve dedication, professional workers also need to make continuous efforts to learn new cultural knowledge and professional skills, improve their professional comprehensive quality, fully competent for their own jobs. Lean refers to profession. In daily work, workers are able to pursue high quality for their own work purpose or products developed to achieve the purpose of excellence. It is also the attitude of striving for perfection that enables artisans to create incomparable excellent works<sup>[2]</sup>. Whether it is the ancient Chinese ceramic industry or various handicrafts, such as carving, sugar figure, paper cutting, oil paper umbrella, etc., they are the results of the high quality requirements of the artisans. It is these craftsmen who are strict with themselves that make traditional Chinese culture so brilliant, lasting for thousands of years and standing tall.

## 2. Characteristics of educational informatization

### 2.1 Modernization of educational concepts

The construction of higher education information system is restricted not only by hardware modernization and technology, but also by the ideological understanding and acceptance degree of educators and educatees. Therefore, the construction of educational modernization must be guided by the modern educational thought.

## **2.2 Networking of educational carriers**

With the rapid development of electronic information technology, electronic textbooks, Internet libraries, educational resource libraries and other electronic media have also been developed rapidly, greatly widening the space of educational carriers. The network development of e-education carrier can not only provide rich materials for education, but also help students to reserve and query electronic materials, which can effectively assist students' learning activities.

## **2.3 Individuation of educational objects**

With the continuous reform of the development of modern education, the independent status and independence of students in learning are gradually enhanced. They can independently choose textbooks and teachers, and at the same time, they can carry out personal research projects in laboratories, libraries and other places. Personalized learning can not only consolidate students' professional theoretical knowledge, but also cultivate students' innovation ability, so as to meet the requirements of social development for talents.

## **3. The importance of informatization of university education management**

In order to fully promote the innovation and practice of the mode of education management in colleges and universities, it is necessary to make colleges and universities fully realize the importance of education management, and improve the understanding of education management is also very key. In the information age, the working mode of college education management has gradually changed. Some colleges and universities in our country have begun to expand the enrollment of various majors. However, this behavior is not the correct way to effectively enhance the competitiveness of colleges and universities. The advent of the information age changes the development trend of colleges and universities. The quality of students and teachers on campus is more important than the quantity. There is a big difference between colleges and primary and secondary schools, which not only contains campus scenery but also certain social nature. Therefore, the educational management of colleges and universities not only needs to pay attention to the cultivation of students' quality and achievement, but also needs to establish a good social cognition for students<sup>[3]</sup>. College education management staff should fully realize this point, for the purpose of establishing students' self-cognition, cultivating students' sense of social responsibility, stimulating students' desire for active learning to carry out the innovation of education management mode, so as to achieve the quality training of students, so as to reflect the value of college education management work.

## **4. Innovation path of university education management informatization**

### **4.1 Establish a talent training strategy with craftsman spirit as the core**

Craftsman spirit is a kind of spirit that contemporary professional workers must have. It is a comprehensive embodiment of professional quality, professional ability and professional ethics. One of the most important manifestations of social development and progress is the spirit of craftsmanship, which is an important guarantee for Chinese manufacturing to be at the forefront of the world. The spirit of craftsman is a kind of spirit which should be possessed by professional workers in modern times. It plays an important role in professional work. It requires and constraints professional workers in the process of work can be like a craftsman-as meticulous, carefully carved a work. The craftsman spirit plays an important role in the construction of Chinese talents, so as to promote the cultivation of talents, improve the vocational ability and professionalism of college students by cultivating the craftsman spirit of college students. On the basis of the craftsman spirit, our country should improve the ideological and political education system in universities, strengthen students' study of the craftsman spirit, so that students understand its true connotation and core. Through the current development situation of our country, let students understand the importance of craftsman spirit in social development. In addition, it is necessary to make them understand that having the spirit of craftsman is a bonus in their work at present, but with the promotion and development of the spirit of craftsman, it will gradually become a basic quality necessary for every high-quality talent.

### **4.2 Guide the information-based construction of craftsman spirit education with advanced culture**

The purpose of craftsman spirit education for college students is to arm the minds of active applicants with the thoughts of the Communist Party of China, help them establish correct outlook on life, world outlook, values and lofty ideals, and improve their ideological and political quality. Therefore, it is necessary to vigorously strengthen the guidance and publicity of positive public opinion to promote the theme of The Times, so that the culture on the network can always maintain a healthy, elegant and uplifting style<sup>[4]</sup>.

### **4.3 Guarantee with professional network information technology**

In order to optimize the network environment and purify the network space, the information construction of craftsman spirit

education should strictly limit the sources of network information,so that all internal and external connections must be checked and filtered.At the same time,the school's online information and public opinion should be timely monitored,timely grasp the trend of online public opinion,as well as the hot issues concerned by students,especially the group and tendency issues.Once found,effective measures should be taken in time to provide targeted positive guidance,so as to minimize the negative impact.It is necessary to give full play to the advantages of the network,increase online appreciation services and various downloads,upload cultural works with strong educational significance,such as classic film and television works,literary works and songs related to the spirit of the craftsman,on the Internet,so that teachers and students can accept the instilling and edification of mainstream cultural values in the appreciation and browsing,and truly combine education with entertainment.

#### **4.4 Use interactive communication to enhance the effectiveness of education**

Create a network forum,completely change the passive acceptance status of the audience,so that students can take the initiative to express their own opinions,suggestions and learning experiences in the forum,timely grasp the ideological dynamics of students;At the same time,some artisan spirit educators and student party members who are excellent in character and learning are invited to have zero-distance communication with students online,talking about work,study and ideals,so as to subtly educate students.

### **Conclusion**

In short,in the new era of rapid development of information technology,colleges and universities should take the initiative to innovate and reform the mode of education management,adjust the mode of education management in accordance with the development of The Times and meet the learning needs of students,and actively carry out the construction of information technology of education management,so as to cultivate the craftsman spirit of college students through education management,so as to promote the efficient development of economy.

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