

# Innovation Analysis of Higher Vocational Education Management Model under the Background of Informatization

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**Abstract:** Information resources bring development opportunities to school education and enrich education management models. Vocational college teachers should have a clear understanding of the main challenges faced in the education management model in the informatization environment, be aware of the important significance of implementing the informatization education management model, and adopt a series of effective solutions to promote the rational use of information. Enhance the supervision effect of education management models.

**Keywords:** Informatization; Higher vocational education; Management mode

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## Introduction

The advent of the information age has made people pay more attention to the integration of information resources, educational resources, and school information. The information age is an inevitable form in current education and teaching, which has become the main part of school thinking and has formed a stage of resource sharing. Integrating information resources into the education management model and actively keeping up with the pace of development in vocational colleges can promote the reform of education mechanisms, gradually improve the effectiveness of education management models, promote the utilization and management level of information resources, and enhance the quality and effectiveness of education management.

## 1. The Problem

### 1.1 The Overall Quality of Students is Poor, and their Understanding of Information Resources is not Comprehensive

When students receive education management, they cannot meet the requirements of social development for talents, cannot find suitable information sources, and have poor comprehensive quality, which cannot fully meet the requirements of educational reform and development. Under the impact of diversified teaching content, schools are unable to timely select reasonable information sources, resulting in students not being able to fully adapt to the needs of education management reform, leading to incorrect outlooks on life, world, and values, and often putting themselves at the center when participating in classroom teaching. This greatly reduces the effectiveness of education management work and weakens the use of student information resources. During their school years, some teachers did not fully recognize the advantages of information resources and did not understand the trend of multimedia resource development, which caused great resistance to education management reform and restricted the direction of educational informatization, which had a direct impact on students' development.

### 1.2 The Construction of the Education Management Team is not Sound

Vocational colleges often lack an excellent education management team, fail to timely introduce senior management talents, and fail to establish a complete teaching staff, which leads to poor education management effectiveness and brings many difficulties to education management work. In addition, insufficient investment in education management by schools, failure to create good training conditions for teachers, reduction of training opportunities, and inability to timely introduce educational equipment related to information technology also result in insufficient practical abilities of teachers. Having experience in education management but lacking understanding of specific management implementation measures.

### 1.3 Uneven Distribution of Information Resources and Lack of Information Resource Sharing

Vocational colleges often prioritize the development of exam oriented education and focus on student academic performance, while neglecting the establishment of school education management models and information resource utilization under the management models,

resulting in extremely uneven information resources. The application of information resources in education management models is not clear enough. There are many problems in the application of information resources in vocational colleges, such as excessively following fame and fortune, neglecting the education management department, and hindering the regulatory department from forming a comprehensive structural chain. The shortage of professional regulatory personnel seriously hinders their application of information systems and reduces the quality and effectiveness of management mode execution.

## **2. Measures taken by the Higher Vocational Education Management Model under the Background of Informatization**

### **2.1 Innovate Education management Concepts and Strengthen the Emphasis on the Application of Information Resources**

Vocational colleges can use information resources to gradually change traditional education management concepts, innovate new supervision concepts, design regulatory models suitable for the current national conditions based on the current situation of the entire school, and create scientific regulatory models, so as to ensure the implementation of supervision concepts in higher vocational colleges and promote the supervision of school education. At the same time, in higher vocational colleges, teachers should have a clear understanding of the utilization of information resources, accurately use data, and give sufficient attention to the utilization of information resources. Data provides convenience for educational and teaching management, enables the effective operation of information resources in education management models, and reflects their main advantages in the teaching process practice. For example, schools can use information management systems to supervise the teaching of teachers. By systematically recording the teaching progress, classroom performance, and student evaluation of each teacher, analysis and evaluation are conducted on this basis. In this way, schools can promptly identify problems and deficiencies in teaching, provide timely assistance and support, and promote the improvement of teaching quality. In addition, the school tracks and analyzes the learning status of students through an informatization management system. The system has the function of automatically creating student learning profiles, which can record detailed information about students' academic performance, attendance, and extracurricular activities, providing great convenience for schools to better understand students' learning status. At the same time, schools also use systems to supervise the learning process of students, identify problems and difficulties in their learning through data analysis, and take timely measures to help them solve these problems, thereby improving learning efficiency and effectiveness. Through these informatization management measures, the quality and efficiency of education management have been effectively improved, achieving the goal of promoting school education supervision. Teachers are gradually realizing the important role of information resources in teaching and actively using data to guide teaching practice to promote the improvement of teaching quality. This case fully demonstrates the importance of information resources in the management of higher vocational education, and provides useful reference for the future development of education management models.

### **2.2 Reasonably Allocate Information Resources**

Information resources have become a key focus in current teaching methods, improving the establishment of education management models. Vocational college teachers should increase their investment in information resources, build a sound software system, increase the quality requirements for school software and hardware equipment, and enhance the supervision of teaching by the school. For example, schools can install multimedia devices such as high-definition projectors and electronic whiteboards in each classroom and ensure stable network connections. These devices can provide more technical support for teachers' teaching and bring more convenience to students' learning. In this process, teachers need to allocate information resources reasonably, apply information resources to education management and subject construction, form a complete education management framework, and strengthen the use of data by logistics management departments, so that managers can fully utilize teaching management, solve existing problems in the school, enable various management links in the school to operate normally, promote the development of regulatory models, and improve the effectiveness of the implementation of education management models.

### **2.3 Building a Modern Education Management Model**

Vocational colleges should make full use of information resources to create a modern education management model, improve the shortcomings in the education supervision system through modern technology, achieve two-level supervision at the department and school levels, and increase the query, preservation, and management of management models. For example, each department has established specialized education management departments to implement and supervise the education and teaching management work within the institution. At the same time, the school's academic affairs office has established a supervision and evaluation department to regularly evaluate and supervise the management work of various departments. By conducting supervision at the department and school levels, we can effectively improve the

transparency and efficiency of education management. In addition, schools should strengthen education management, attach importance to the rational use of information resources, pay attention to the quality and performance of education management, build a regulatory network between departments, enable mutual supervision and progress, achieve resource sharing and utilization, avoid incorrect regulatory situations, effectively reduce the problems and hazards caused by regulatory models, and promote the improvement of the quality of school education management.

### 3. Conclusion

Education management is currently the focus of attention in schools and has become the primary factor that teachers consider. Vocational college teachers have created a new modern form of education management model by changing traditional teaching concepts, actively utilizing information resources, and increasing investment in education management, ensuring the innovation of education management models. This has made vocational colleges more adaptable to the trend of social development and improved the quality of informatization education management resources.

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