

The Construction Path of Higher Vocational Student Management Informatization Based on "Internet plus"

Xuejing Li

Hubei Communications Technical College, Wuhan , Hubei , 430202

Abstract: Under the background of the rapid development of social economy and Internet technology, the informatization construction of higher vocational student management has gradually become the key task for the development and progress of higher vocational colleges. Completing the construction of student management informatization based on "Internet plus" can steadily improve the teaching quality and level of higher vocational colleges, and also provide a more diversified development platform for higher vocational colleges. Therefore, based on the "Internet plus" environment, this paper analyzes the problems and deficiencies in the current management of vocational students, and proposes specific information construction strategies for the management of vocational students to provide reference for the sustainable development of vocational education and students.

Keywords: "Internet plus"; Vocational college students; Administration; information construction

DOI:10.12417/3029-2344.25.09.001

Introduction

In the era of "Internet plus", the combination of information technology, data technology, higher vocational college education and student management can solve the limitations of traditional education models, provide students with diversified management services, and play a positive role in improving management quality and promoting students' all-round development. At the same time, the informationization construction of student management is more in line with the current spirit of the times and social environment, and can fully promote the combination of new technologies and educational activities. In practical education, it can significantly enhance students' innovative consciousness and is a key factor affecting their comprehensive development. Under the "Internet plus" environment, the informatization construction of higher vocational students' management is an important task to realize the deep integration of education and new technology, and promote the comprehensive development of higher vocational colleges and students. Schools need to constantly adjust the informatization management model in combination with the current situation of education, development and management, and give play to the advantages and management efficiency of new technologies.

1. Overview of "Internet plus" and informatization

"Internet plus" refers to a new business form developed by the Internet under the impetus of Innovation 2.0 (an innovative form in the information age and knowledge society). In the new era, "Internet plus" has gradually become an important driving force for the modernization of many industries and fields. At the same time, "Internet plus" is also a new form of social development promoted by knowledge society innovation 2.0 and evolved from the Internet. " In short, "Internet plus" means "Internet plus+traditional industries" and "Internet plus+traditional fields". In higher vocational education, "Internet plus education", which is the embodiment of "Internet plus", can promote the combination of education, Internet environment and network technology, and has significant effects in improving education quality and education services. In the context of "Internet plus", the development of science and technology makes the Internet integrate with traditional industries. Relevant units and individuals can create new development opportunities and promote economic and cultural progress by taking advantage of the advantages of the Internet.

In the process of the development of vocational colleges, the construction of student management

informatization can fully improve management efficiency, ensure the effectiveness and standardization of student management. Therefore, vocational colleges should combine the current socio-economic situation, fully leverage their information management capabilities, reform their management systems, and provide support for student development.

2.The Role of "Internet plus" Based Management Informatization Construction of Higher Vocational Students

Under the background of "Internet plus", the informatization construction of higher vocational student management can help promote the comprehensive development and progress of students, build a harmonious and positive educational environment, improve the efficiency and quality of higher vocational student management, and provide information data support for educational activities. Therefore, vocational colleges should combine the needs of student management, summarize the key points and key points of management informatization construction, and lay a solid foundation for the modernization development of education.

2.1 Can fully promote the comprehensive development and progress of students

Under the information management mode, vocational colleges can provide management support in multiple aspects such as morality, intelligence, physical fitness, aesthetics, and labor to meet the development needs of students. At the same time, under the informationization construction of student management in vocational colleges, schools can combine information platforms to strengthen the understanding and control of students' professional abilities and core competencies. Teachers have a comprehensive understanding and recognition of students' actual learning and development situations, which helps to enhance the pertinence of vocational education and provide targeted educational support for students with different development abilities and learning situations. At the same time, under information management, students can use information platforms and online platforms to communicate with teachers and share their life and learning difficulties. This not only benefits the further development of students' thinking and cognitive abilities, but also exercises their autonomy and helps them better complete professional education.

2.2 Can build a harmonious and positive educational environment atmosphere

In the context of the new era, the quality of education in vocational colleges is closely linked to the campus environment. Only by building a positive and uplifting educational environment can we fully stimulate students' interest in learning and development, and steadily improve the quality of education management. On the basis of "Internet plus", the information-based management of vocational college students can exercise students' ideological understanding, let students understand the management system and rules in school in different information channels, and thus build their modern educational environment. At the same time, information management for vocational college students can help them access course knowledge resources and improve the efficiency and quality of professional education. In the context of the new era, the information management of vocational college students can ensure a more comprehensive management system, help the teaching staff to timely complete student life and education control, enhance the pertinence of campus management, and have a positive effect on the development of educational activities in vocational colleges.

2.3 Can improve the efficiency and quality of management for vocational college students

The information management of vocational college students can improve the efficiency and quality of their management, and is an important guarantee for talent cultivation. At the same time, information management is also an important driving force for the development of higher vocational education. In the process of information management, the teaching staff can have a more comprehensive understanding of students' management and development needs, and can also use network and data models to analyze the loopholes and defects in current education management, thereby improving management targeting. Under the information management of vocational

college students, they can have a more comprehensive understanding of their own shortcomings, recognize the importance of course learning, and express their development demands on the information platform. They can actively participate in vocational education management, which has a positive effect on the development of students' literacy.

2.4 Can provide information and data support for educational activities

In the context of the new era, vocational college students are participants and promoters of the socialist cause, and their education and management are of great significance to the social, economic, and cultural development. Under the "Internet plus" environment, the informatization construction of higher vocational student management can provide information data support for teachers and schools, reform and optimize the education system, content, process and method, and steadily improve the education quality. In the process of information management for vocational college students, schools can also promote the integration of moral education, ideological education, and professional knowledge. This can not only enhance students' professional qualities and subject abilities, but also provide assistance for the construction of their ideological awareness and values, which is the key to their sustainable development.

3.The Current Situation and Problems of Student Management in Vocational Colleges

In the new era, the concepts and ideas of student management in vocational colleges are too outdated, the construction of student management information systems is insufficient, the environmental atmosphere for student management is not in place, and there is a lack of personalized management services in campus management, which seriously affects the cultivation and development of students. Therefore, schools should combine the current development status of vocational college students, summarize the causes of management problems, and contribute to subsequent management reforms.

3.1 The concept and ideology of student management are too outdated

In some vocational colleges, management concepts and ideas are too outdated, and the tasks, directions, goals, and content of management are not clear enough. There is also a lack of targeted management work that combines different majors and classes. The student management areas on campus are homogenized, making it difficult to fully utilize the advantages and level of student management. At the same time, in some colleges and universities, there is insufficient understanding of "Internet plus" resources, no rational use of information technology and Internet resource optimization management mode, and poor daily management and education management effect ^[1].

3.2 Insufficient construction of management information system for vocational college students

In the current era, the management information system for vocational college students can fully reduce management pressure, save management resources, and enhance the effectiveness of student management. However, some vocational colleges have incomplete internal infrastructure construction, insufficient information management system construction, and lack of information data support in actual educational management, which leads to teachers being unable to fully grasp the actual development situation and management needs of students. Actual management work often results in misalignment and omissions.

3.3 The construction of the environment and atmosphere for student management is not in place

There are still issues with environmental atmosphere construction within some vocational colleges. Firstly, some vocational colleges lack internal cultural construction, and teachers' own educational concepts and ideas are too outdated. There are no regular educational activities held on campus, resulting in poor management atmosphere and environment, and insufficient student autonomy. Secondly, vocational colleges have not established standardized student management rules and regulations, and specific management responsibilities are not fully implemented, resulting in formal problems in management work. Finally, some vocational colleges have insufficient introduction of advanced management concepts, which also affects the normal development of management work.

3.4 Lack of personalized management service content

In some vocational colleges, there is a lack of personalized management services, which cannot be combined with the actual situation of specific majors and classes to implement management work. This has a negative impact on the personalized development and training of students. In the current educational environment, only by combining the management advantages of "Internet plus", fully promoting the construction of student management informatization, and completing the reform of management mode, can higher vocational colleges solve management problems and improve the educational level of higher vocational colleges ^[4].

4.The Path of Management Informatization Construction of Higher Vocational Students Based on "Internet plus"

Based on "Internet plus", higher vocational colleges should introduce advanced information management concepts, build targeted information management systems, use information platforms to build a harmonious management ecosystem, provide personalized management services for students, improve management efficiency and accuracy, and make contributions to student development and progress.

4.1 Introduce advanced information management concepts

Higher vocational colleges need to combine "Internet plus", introduce modern management concepts and ideas, and realize the integration of management concepts and higher vocational education with the help of information technology. Schools can use modern information technology and equipment to build an information-based student management platform, promote effective innovation in student management models, and create favorable conditions for information-based student management in vocational colleges. At the same time, vocational colleges can exchange experiences with advanced schools and hire professional management talents to carry out the construction of information management platforms, providing support and assistance for the education and student management of vocational colleges.

4.2 Building a targeted information management system

One of the key tasks of teaching information management in vocational colleges is the construction of an information management system. With the help of an information management system, teachers and school leaders can promote the normalization and institutionalization of student management, which is not only conducive to upgrading and updating the education management system of vocational colleges, but also to leveraging the management advantages of information technology. Therefore, vocational colleges need to integrate core departments such as enrollment, student records, academic affairs, and employment services into the management department for overall management, and achieve integration of information management systems to fully assist personnel from various departments in completing student management work, thereby promoting the smooth implementation of educational activities.

4.3 Utilizing information platforms to build a harmonious management ecosystem

Vocational colleges should use information platforms to build a student management ecosystem, strengthen communication between students and teachers, create good teacher-student relationships, and build a healthy and positive educational environment. In the actual process of student management, vocational colleges can use information platforms to statistically integrate information data such as "tardiness and early departure, participation in school activities, learning situation, and professional expertise" in the student management process, and make adjustments during the education process. At the same time, vocational colleges should strengthen the integration of online and offline education management, so that students and management personnel can communicate more effectively, thereby promoting the steady implementation of management work and contributing to the achievement of vocational education goals.

4.4 Provide personalized management services for students

Vocational colleges should combine the needs of student management, utilize information technology and data technology, provide targeted and personalized management services for students, fully leverage the advantages of information management, and steadily improve the quality and level of management. At the same time, vocational colleges should combine the current educational environment, use data models to summarize management problems and deficiencies, continuously optimize information management models, and promote the steady implementation of educational management tasks.

5. Conclusion

In the context of "Internet plus", the informatization construction of higher vocational students' management helps to promote the comprehensive development and progress of students, build a harmonious and positive educational environment, improve the efficiency and quality of higher vocational students' management, and provide information data support for educational activities, which is the guarantee of students' core literacy training and professional ability development. However, in the actual education process, the management concepts and ideas of vocational school students are too backward, the construction of student management information system is insufficient, the environmental atmosphere of student management is not in place, and the campus management lacks personalized management service content, which hinders the achievement of management goals and is not conducive to the normal development of students. Therefore, vocational colleges should introduce advanced information management concepts, construct targeted information management systems, use information platforms to build a harmonious management ecosystem, and provide personalized management services for students, fully improve management standards, promote students' comprehensive development, and promote educational progress.

References:

- [1] Zhang Shuping, Ren Yujie Research on the Construction Path of Higher Vocational Students' Management Informatization Based on the Background of "Internet plus" [J]. Journal of China Multimedia and Network Teaching (Mid term), 2024, (10): 33-36.
- [2] Zhu Jie, Zhang Lei Strategies for Computer Majors in Vocational Colleges to Assist Rural Revitalization: A Case Study of Dayuan Town, Shishou City, Hubei Province [J]. Rural Economy and Technology, 2024, 35(18): 161-164.
- [3] Zhong Bifen Research on the Challenges and Improvement Strategies of MOOC Teaching in Higher Vocational Colleges under the Digital Background: Taking Ningbo City Vocational and Technical College as an Example [J]. Journal of Yunnan Open University, 2024, 26(03): 89-92.
- [4] Xu Yongmei, Wang Fengli, Yuan Long The impact of Internet plus virtual simulation training teaching on the comprehensive quality and educational atmosphere of midwifery students in higher vocational colleges [J]. Jiangsu Health Management, 2024, 35(05): 726-729.
- [5] Dan Xin, Xu Wei, Sun Hongke Research on Informatization Innovation of Higher Vocational Education Management from the Internet Perspective [C] // Henan Association of Private Education. Proceedings of the Higher Education Development Forum in 2004 (Volume II) Shandong Information Vocational and Technical College; 2024: 2.
- [6] Chi Jing, Xi Ruihong, Wang Jiyang The development and construction of financial reimbursement informatization in higher vocational colleges to adapt to the "Internet plus" environment [J]. Guangdong Vocational and Technical Education and Research, 2024, (04): 163-165+179.
- [7] Han Kunlin, Wang Zhiqiang Analysis on the construction and practice of sports informatization in higher vocational colleges under the background of "Internet plus"--Taking Shaanxi Energy Vocational and Technical College as an example [J]. New Sports, 2024, (04): 1-3.
- [8] Li Yaming The transformation and development of vocational sports in the context of high-quality development of modern vocational education [C] // Chinese Society of Sports Science Summary of Papers from the 13th National Sports Science Conference-Special Report (School Sports Branch) Zunyi Vocational and Technical College, 2023: 3.