

# Analysis on the Optimization strategy of vocational education from the perspective of Internet +

Tingting Liu

Guangzhou Vocational University of Science and Technology, Guangzhou 510000, China

**Abstract:** Internet +, as a new form of information technology, promotes the integrated development of information technology and many fields. From the perspective of Internet +, vocational education has brought a comprehensive change, and vocational education has changed from the previous single teaching mode to the intelligent teaching mode. In view of the current situation, many vocational education institutions at home and abroad are trying to innovate, and have achieved certain results. Since the new period, with the rapid development of Internet technology in China, the country has vigorously promoted the development of vocational education. The organic integration of information technology and vocational education can improve the quality of classroom teaching. This paper mainly relates to the reality, carries out a detailed analysis on the innovation and reform of vocational education under the vision of Internet +, for reference only.

**Key words:** Internet +; Vocational education; Optimize the approach

With the rapid development of information technology, the arrival of the Internet + era, as a brand new ideology, is gradually transforming our traditional fields, but also brings certain opportunities and challenges for the development of vocational education, gradually optimize the classroom education model, vocational education to adapt to the Internet + is the future development trend. In the new historical period, how to cultivate students' learning ability, innovation ability, social adaptation ability is the focus of vocational education innovation and reform. Therefore, it is very important to combine the Internet + background to do a good job in vocational education reform.

## I. Connotation overview of Internet +

Internet + can be called Internet + various fields, but the integration between the two is not simply superimposed together, but the full use of information technology and Internet platform to promote the integrated development of Internet + education, so as to extend a new form of business. Internet + industry is the traditional industry into online, digital, intelligent three states, is also the main form of the current development of the Internet. Through the progressive development of the three forms, it can effectively transform people's life pattern and realize the innovation of the industry. The Internet + education is to carry out all kinds of education work with the help of the Internet platform. School classroom is the traditional education mode. The promotion of the Internet + education mode can integrate the resources of all educational institutions, and students can independently choose the subject knowledge to learn. Students can choose their favorite courses on the network platform, and the learning time can also be determined according to the actual situation. In addition, teachers do not have to give lectures in the classroom. They can use the education platform to carry out online teaching, which can effectively solve students' problems. By using big data for analysis, teachers can master the dynamics and existing problems of students' learning, which can help teachers optimize and integrate teaching content. Vocational education is not only for students inside the school, but also for skilled talents needed by the society. Building a new education model can promote the innovative development of vocational education.

## 2. The development characteristics and current situation of vocational education

### 1. Characteristics of the development of vocational education

Due to the continuous development and effective implementation of the new curriculum reform, the cause of vocational education has made great progress at present, and the corresponding improvement and adjustment work has been carried out in the educational policy, especially because of the expansion of the enrollment scope of each school, the number and quality of school training has also made qualitative leaps, so the role of schools in the educational structure is becoming increasingly important, and More and more become the key place of social practice and technology training. Through research, it is found that the development of most schools in China started late, and basic education is relatively backward. Therefore, vocational education has gradually formed the dominant trend of social education, showing a broad development trend, which also makes vocational education more and more favored and concerned by people in a certain sense. Based on this, the main characteristics of the current development of vocational education are as follows: first, the division of schools is reasonable. At present, different regions have a relatively perfect education system, the division between regions is also more scientific and reasonable; Secondly, the curriculum design of the school is broad, covering most fields in the economy and society, and the curriculum system and education system are more perfect, which reflects the effectiveness and practicability of the current school education to a certain extent. Third, it is clear about the object and goal of cultivating students. In order to better meet the practical needs of economic and social development and adapt to the needs of expansion projects, more schools actively promote the school-enterprise cooperation model, and take it as an important task to strengthen students' basic knowledge and practical skills, which effectively promote their growth and lay a solid foundation for their later employment. And, with the development of vocational education in our country, more teachers have already understood the important position of their position, and have made positive and effective changes from the ideas of education and education concepts, thus to improve the quality and efficiency of vocational education in our country.

### 2. Current situation of vocational education development

Due to the gradual implementation and effective implementation of the education enrollment expansion policy, the current average

number of students admitted by the school every year has reached about 10% of the whole scale of the province, at the same time, the effective implementation of school-enterprise cooperation, the cultivation of high-level, all-round talents has gradually evolved into a dominant situation, and the talent training is regarded as an important force to promote the sustainable development of local economy, according to this Like the educational purposes and objectives, the school has been the local government departments and the community and many education and training units of the active help and support. In this educational background, the local departments and schools must understand their own values correctly, but also to realize the shortcomings in the traditional teaching model and curriculum. In terms of the cultivation of human resources, schools fail to set goals for the later career growth of students, fail to realize the later growth of students in the professional curriculum education, and fail to pay attention to the sustainable development of students. At the same time, education departments in some areas also lack attention to the further construction of school education and platform construction, there are still deficiencies in the support of resources and funds, and it is urgent to continue to strengthen and improve the construction of teachers.

### 3. The impact of Internet + on vocational education

#### (1) Internet Plus brings new prospects for vocational education

Nowadays, it has become an inevitable trend of The Times to apply Internet + to industry changes. For the vocational education industry, the arrival of the "Internet +" environment allows students to communicate with teachers without going out, which not only makes students have more time to learn, but also cultivates their ability of independent learning and inquiry learning. At the same time, because "Internet +" relies on the powerful Internet teaching resource library, it can fully play the great advantage of timely information acquisition in the information age, and will help teachers to obtain more abundant teaching resources and teaching methods.

#### (2) Internet + brings certain challenges to vocational education

The Internet + environment has brought unprecedented opportunities for the development of vocational education. However, the application of any technology has its advantages and disadvantages. Similarly, as a double-edged sword, Internet + will inevitably bring certain impacts on the traditional education. On the one hand, although most educators believe that the Internet + environment will not completely replace the traditional education, from the current perspective, the traditional education has received a huge impact from the Internet +, especially the decline in the number of teacher talents will directly affect the development of the education industry in the new era, and how to use the Internet + environment to eliminate the irresponsible and loyal teachers in the traditional education industry, Is the challenge that Internet + environment vocational education and even the entire education industry is facing; On the other hand, while opening up teaching resources, Internet + environment will also bring more bad information to students. In view of this problem that does not exist in the traditional teaching mode, how to strengthen the supervision of network information and create a more harmonious Internet + vocational education environment for students is the key to the development of Internet + vocational education.

### 4. Vocational education work optimization approach from the perspective of Internet +

#### (1) Timely change of educational philosophy and teaching logic

With the deepening spread and expansion of the Internet + society, school teachers need to fully grasp the current network concepts and logic, and have the cutting-edge network education ideas and teaching logic in teaching. At the same time, through a variety of teaching modes and modern classroom methods, constantly innovate the teaching mode, flexibly use modern information technology to expand and apply the relevant knowledge points of vocational education. In the implementation process of vocational education under the perspective of Internet +, more emphasis is placed on effective communication between students and teachers. In particular, teachers' communication methods are taken as the main basis and important means of teaching in class, and the previous simple and boring teaching methods are transformed into information exchange methods. After class, Teachers can also use the Internet and other educational tools to answer questions across time and space. Based on this, teachers must persist in innovation, dare to explore, and actively forge ahead in teaching, so as to improve vocational education.

#### (2) Optimize and adjust the classroom teaching model

With the development of the information age, the current vocational education has gradually reached the level of intelligence and digitalization. Micro-class is an effective education mode, which improves the effect of classroom teaching to a certain extent, and brings convenience to students' learning and life through information technology. According to the curriculum objectives and classroom teaching objectives, the professional teachers of the school can conduct reasonable and efficient comprehensive research on the course content, determine the knowledge structure and knowledge framework, mark the course content clearly, add appropriate photos, videos, music, etc., in the corresponding course, and compile all the courses into learning videos, so that the students can preview the course before the beginning of the teaching To further train and enhance their awareness of active learning.

#### (3) Set up reasonable vocational education courses

Due to the characteristics of information technology, the teaching design of professional courses in schools is generally based on the specific needs of current social development, that is, according to students' interests, characteristics and future career planning, the setting of teaching content of the subject should also go through detailed theoretical research and in-depth investigation, and at the same time, combined with comprehensive consideration of various aspects, the scientific design of the content of vocational education. In addition, the school may also adopt the teaching mode integrating reality with science theory to guide students to participate in practical activities, through practical activities to consolidate and improve students' knowledge reserve, or by creating teaching situations, intelligent virtual

experiment teaching mode, adjust the curriculum type and teaching design; In addition, colleges and universities in the implementation of professional courses, not only need to fully communicate with full-time teachers and research in the process, but also need to carefully listen to the suggestions of other full-time teachers and professional personnel opinions, so as to improve the effectiveness of the implementation of subject classes.

#### (4) Constantly innovate education related mechanisms

Under the background of Internet + education, a variety of emerging industries in China have achieved rapid growth, so there are a lot of new occupations and positions in the market, and the demand for such occupations and positions is fundamentally different from that of general occupation, and the demand for high-level management and technical personnel in the emerging industries is also greater, so we are required to use the model of vocational college informatization Model, establish a new type of school-enterprise cooperation, establish the model of combining industry and learning, and establish a characteristic, information and professional college training system. Combined with the development process, the new discipline structure and the training mode of modern professional and technical talents are perfectly combined, which cultivates a large number of innovative technical talents with Internet + vision for social and enterprises from all walks of life, and provides strong talent guarantee for the development of Chinese high-tech industries.

## Conclusion

Vocational schools should take cultivating high-level technical talents as the main goal, and under the background of Internet +, this decentralized talent training mode will be very conducive to the growth of vocational schools. The vocational school will actively adapt to the development situation of Internet +, strengthen the research and exploration of education and teaching reform, and train more innovative high-quality talents with Internet + vision for the transformation from Made in China to Made in China.

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