The Role of Modern Information Technology in Talents Training in Vocational Colleges from the Perspective of Economics

Zhong Jie, Huang Lin, Huang Lin

Deyang College of Urban Rail Transit, Shifang, Deyang, Sichuan, China

Abstract: China's rapid economic development and the advent of the information age have made thetalents training an important part in the society. Vocational colleges, as the place where special skilled talents are transported, have solved the problem of talent vacancy to a great extent. However, due to the restriction and influence of various factors, the development of vocational colleges is relatively slow, and the quality of personnel training does not match the social needs. Based on the perspective of economics, from the connotation of modern information technology, the development status of Vocational colleges, and many challenges faced by the process of talent cultivation in Vocational colleges, this paper puts forward strategies to improve the talent cultivation mode of Vocational colleges, hoping to provide some reference for the construction and cultivation of talents in Vocational colleges.

1. Research background

1.1 Literature Review

Economics, as a macro knowledge system, is widely used in many fields of research and analysis. Based on economics, Li Ling and Hu Lei summarized and analyzed the risk management of bank operation in China (Li and He, 2013).Wu Chunyan's Research on Energy Conservation and Environmental Protection from the Perspective of Economics (Wu, 2013). Here, through the understanding of economics by two scholars, we can explain some contents related to economics and talent cultivation in Vocational colleges. Zhao Jinguo and Ren Chang'an discussed how to establish innovative talents under the condition of the development of modern information technology and the problems encountered and the countermeasures (Zhao and Ren, 2015).By introducing the challenges and solutions of talent cultivation in Colleges and universities, this paper describes the contents of talent cultivation to be perfected in a deeper and broader way. According to the modern information technology, perfecting the talent training mode is the deep test area of the current quality education reform. So Yan Li, based on modern information technology, probes into the educational mode of Vocational Colleges and provides teaching support for the training of talents in Vocational colleges (Yan, 2017). Therefore, breaking through the original education mode plays a very important role in personnel training.

1.2 Purpose of Research

Examination-oriented education gradually withdrew from the stage of history, and quality education gradually penetrated into the hearts of the people. With the rapid development of China's economy and society and the wide dissemination of information, talent training has become an important part of the current. The training of talents in vocational colleges plays an important role in delivering more and better top-notch talents to the society. Moreover, in the information age, the cultivation of talents is not limited to one aspect, such as the application of CAI teaching mode to cultivate talents (Zhong,2013). However, in combing the domestic scholars for the economic perspective of modern information technology for vocational college personnel training, the author found that few researchers. In view of this, drawing on the relevant scholars'research theory of economics, this paper analyses the problems faced by modern information technology in the process of training vocational talents, and puts forward countermeasures, with a view to providing reference

for the training of Vocational talents.

2. The current situation of modern information technology and vocational college talents

2.1 The development of modern information technology

The development of modern information technology has gradually matured, and the development of society has begun to be inseparable from information technology. Modern information technology refers to the combination of computer and other related technologies to obtain information of various sensing signals and other driving technologies. Modern information technology involves a wide range of contents and fields, such as GPS knowledge application and artificial intelligence. Generally speaking, information technology is intervening in all aspects of society with any kind of technology from an unknown depth and breadth. At present, the development direction of modern information technology is artificial intelligence. The use of artificial intelligence has given information technology a sense of consciousness. It is embodied in intelligent robots, intelligent furniture and so on. Not only that, modern information technology makes the world more closely linked, thus giving birth to the Internet of Things and big data, so that the world really more into the global village. However, it is also because information technology, to a large extent, has brought certain harm to society. For example, the recent big news, the black trading of the dark network, and the information stolen. Generally speaking, while modern information technology brings us benefits, it also steals benefits in disguise. Just like the two ends of a coin, if there is a positive side, there will be a negative side. Reasonable use of modern information technology will bring endless wealth. If used by bad people, it will not only affect our lives, but also affect the development of the world to a certain extent. In this regard, the involvement of the state is very necessary.

2.2 Current situation of talents training in vocational colleges and universities

Vocational colleges mostly train skilled personnel of a certain industry, which plays an irreplaceable role in the development of China. In recent years, with the development of modern information technology, many vocational colleges still follow the traditional teaching mode, resulting in students becoming tired of learning and even dropping out of school. Not only that, but also in terms of teachers' ability and students' quality, they are showing a downward trend. Generally speaking, the development of vocational colleges is gradually going downhill. The trained talents have no technical ability and the teachers are indifferent. For this situation, changing the teaching mode and improving the teaching ability have become the development direction of Vocational colleges. The advantage of modern information technology is that it can be integrated with other content in any field and at any level. Therefore, the development of vocational colleges can rely on information technology to provide more opportunities and far-reaching impact for the training and development of talents. However, how to integrate modern information technology into the development of vocational colleges is also thought-provoking. If applied properly, more and better high-quality skilled talents can be trained. On the contrary, students will be more tired of learning. Especially, the topic of informationization education is constantly known by people. Timely application can avoid the challenge and impact brought by informationization to a certain extent. Therefore, personnel training in vocational colleges has become an important field of modern information technology.

3. Current challenges of talents training in vocational colleges and universities

3.1 Challenges faced by talents training targets in vocational colleges and universities

At present, it can be understood that vocational colleges pay too much attention to the improvement of unilateral content in personnel training, ignoring the individual needs of students. When students sign up for study, they can only choose one professional skill, and they have no relevant knowledge and interest. As a result, the training of talents not only deviates from the

development of the current education model, but also fails to cultivate high-quality innovative talents in line with the information age to a certain extent. At present, the cultivation of talents in China should be based on morality, intelligence, physical fitness and beauty, as well as cultivating high-quality talents in line with the times. Especially in the information age, the society needs compound talents with distinct personality and strong technical ability. However, the current vocational colleges have a single training objective, teachers'attitude towards teaching is laissez-faire, and students have lost interest in learning. Although quality education has become the requirement of the development of the times, the training of talents in most vocational colleges is still limited to exam-oriented education. Instillation teaching, invariant teaching plan and so on are pervasive in the education of Vocational colleges. They are not conducive to students'knowledge construction, nor can they develop in an all-round way, let alone cultivate compound talents that meet the requirements of the times. so, Vocational Colleges for talent training objectives, on the one hand, is not clear, on the other hand, also for students' appeals and interests are not reference.

3.2 Challenges in talents training in vocational colleges and universities

The process of training talents under examination-oriented education is mostly the training of textbooks. Students can receive only one aspect of knowledge, as well as a fixed teaching plan. Teachers had been limited to the content of textbooks, and what students hear can only be fixed knowledge content. In the long run, neither special skilled talents nor compound talents can be trained. Moreover, in traditional vocational colleges, the renewal speed of curriculum is slow, the aging of laboratory equipment, the rigidity of teaching mode and so on. It does not fully reflect the requirements of the modern era. The purpose of students coming to school is not only to learn the skills that can survive in society, but also to learn more about other skills to adapt to society. The information age has made the world more diversified. It is not to work hard to make achievements, but also to understand the content of the world in many ways. So school is a springboard for students to step into society. What vocational colleges lack now is ways and means to enable students to have a foothold. For example, teaching management norms promote students to be self-disciplined, strengthen teaching information system can enable students to choose different courses in a more specific situation, and pay attention to students'personality development and hierarchical teaching, which plays an important role in improving the quality of talents and educational efficiency.

3.3 Challenges of talent training model in vocational colleges and universities

The patterns we usually talk about are singular and diverse. For a long time, China has adopted exam-oriented education in the training of talents, so the training mode of talents has been single. Whether in the teaching plan, or teaching and management. Especially after the division of Arts and sciences, students can only learn the professional knowledge of the undergraduate course. As a result, the students who study literature have no way to start on some science-related knowledge, and so do the students who study science. It is no longer necessary to mention the cultivation of innovative thinking and comprehensive literacy. In the future, information technology will continue to improve, and even begin to update. Therefore, if vocational colleges have been setting up their own framework activities for the cultivation of talent model, the result will be abandoned by the society. As a new force in the future society, students will be provided continuously and become important talents in building society. In addition to having a solid foundation of basic knowledge, we also need to have knowledge in level, quality, sentiment, consciousness, etc. to constantly learn and update, and become compound talents.

3.4 Challenges to the ways of talents training in vocational colleges and universities

Lecturers, professors and students taking notes should be the traditional way of training that most colleges and universities are still following. As a place for training skilled talents, teachers'teaching is a way, but how to let students practice by themselves is the best way of training. And students are tired of the rigid classroom teaching mode, so that information-based interest in teaching has become one of the current ways of training. In the information age, the desire for talents will no

longer be confined to the single use of brain in the past, but requires more combination of hands-on and more skills. As mentioned above, most vocational colleges have outdated equipment and systems, and there is no way to cultivate talents for a long time. Therefore, as a vocational college, the knowledge-based teaching in the classroom no longer meets the requirements of the times. More practical teaching, information-based teaching.

4. Perfect strategy of talents training in vocational colleges and universities

4.1 Applying the law of economics to rstablish a new view of talent training

Economics, as a macro perspective, has different effects on the training of talents. Economics is divided into politics and science. Through the analysis of economics, we use scientific economics to explain the training of talents in Vocational colleges. Economics studies the economic law, and the core idea is to optimize the allocation and regeneration of resources. As a scientific economics, the optimal allocation and regeneration of resources is its research object. Through the analysis of economics related knowledge, vocational colleges should first pay attention to the optimal allocation of resources. Reasonable allocation of various resources in Colleges and universities to ensure the transformation of the concept of personnel training. For example,optimization of objectives. Enriching the teaching mode, increasing the number of training objectives, so that students can have the right to choose the direction and content they are interested in. Secondly, optimizing regeneration. The single training objective of Vocational Colleges leads to the failure to produce new teaching content, and teaching will become more and more difficult in the long run. Therefore, we should constantly renew the teaching objectives, enrich the teaching system, optimize regeneration, and make teaching full of vitality.

4.2 Using modern information technology to broaden the way of talents training

In the information age, information begins to grow in an explosive way. The reason why we need to rely on the information age to train talents is to keep pace with the times. The rapid update of information plays an important role in the expansion of talent channels. On the one hand, teachers are no longer confined to teaching in class, on the other hand, students are no longer confined to taking notes. In the information age, the first point is that students can use the information platform to select their favorite courses. Secondly, courses that need to be practiced can also be operated from the information platform, multi-dimensional and three-dimensional understanding of the relevant knowledge content. Vocational colleges not only improve the information-based teaching, but also provide a good opportunity for the cultivation of students'interest. Depending on modern information technology, broadening the way of personnel training is one of the best ways to choose at present.

4.3 Deepening the reform of education and teaching and improving the quality of personnel training

Deepening the reform of education and teaching in vocational colleges is a process, and training the quality of talents is also a process. Therefore, the primary purpose of vocational colleges is to actively reform and innovate their own teaching mode. In terms of content, students should be the dominant factor. Students choose the content they are interested in according to their interests, which will not only improve their enthusiasm for learning, but also increase their understanding of knowledge. Thus, while enriching their own abilities, they also provide a basis for themselves to become compound talents. Not only that, through students'choice of direction, they can also update the old knowledge content, and integrate various new ideas and contents of modern information technology into the curriculum better. Of course, it also plays an important role in the renewal of curriculum. There are also teaching models, curriculum system settings and so on. Through the combination of modern information technology, these contents are constantly upgraded and improved to help improve the quality of talent.

4.4 Innovating the training mode of talents and developing trend of talents

The modern information age requires highly sophisticated and complex talents. Therefore, the talent training mode of vocational colleges should be closely related to the requirements of the times. On the one hand, the basic knowledge of talents should be specially trained, or with the help of information platform. On the other hand, we should enhance the practical ability of talents. There is also the direction of talent's own interest in self-selection learning. To improve the innovative ability of talents, the main thing is to let students have the right to choose, so as to exert their potential.

5. Conclusion

In a word, the development of economy can not be separated from talents, and the development of information age can not be separated from talents. Therefore, based on the summary of the full text, vocational colleges, as universities conveying talents, must undertake the training of talents. Talents are an indispensable part of the times and play an irreplaceable role in building the country and society. Therefore, vocational colleges should continue to update their own teaching mode, system and other related content, and cultivate more talents.

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