

# ***Research on Employment-Oriented Information Literacy Content System and Its Training Method under the Background of 5g***

**Xu chunxiu\*, Peng Furong, Xu Lili**

*Shandong Labor Vocational and Technical College, Jinan, Shandong, 250022, China*

*\*Corresponding Author*

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**Abstract:** Information literacy education is an important part of general education. Its unique educational methods and contents have a penetrating influence on professional education and innovation and entrepreneurship education. If it can be seamlessly connected to all educational links, it will be of great benefit to the cultivation of innovative and entrepreneurial talents. The unique educational methods and contents of information literacy education have a penetrating influence on professional education and innovation and entrepreneurship education. The level of information literacy determines the employability of college students to a certain extent. Only by improving the information literacy of college students can they remain invincible in the employment competition. “5G” technology has great advantages in data operation speed, system capacity, equipment connection range and so on, which can effectively reduce network delay time. This paper analyzes the connotation of higher vocational students' information literacy training, discusses the current situation of college students' information literacy training, and expounds the content system and training methods of college students' information literacy training based on employment orientation under the background of 5G.

## **1. Introduction**

With the development of social information, information literacy has become an indispensable part of citizen literacy. Information technology education has gone beyond the simple computer technology training stage and developed into information literacy education which is suitable for the needs of talents in the information society [1]. The information literacy of college students has become an important part of students' quality. The research on the content system and training methods of College Students' information literacy is the problem that must be solved in popularizing information technology education and quality education [2]. Internet brings convenience to people's life and social life, but also brings many inevitable network chaos, such as network violence, network rumors, human flesh search, network fraud, etc. [3]. Information literacy education is an important part of general education. Its unique education mode and content have a

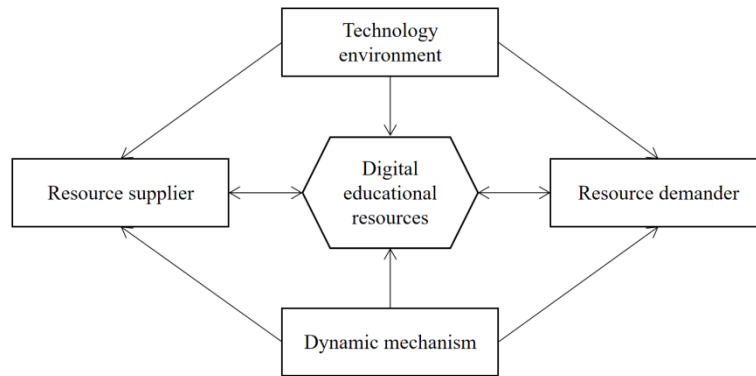
penetrating influence on professional education and innovation and entrepreneurship education [4]. If it can be connected to all education links seamlessly, it will be of great benefit to the cultivation of innovative and entrepreneurial talents. It has positive theoretical research value and practical significance to build the innovation and entrepreneurship information literacy of college students as the core, give full play to the linkage role of libraries and innovation and entrepreneurship colleges and jointly promote the construction of innovation and entrepreneurship curriculum system [5].

Information literacy is a basic quality for human survival, learning and development. This concept has been widely accepted by scholars now [6]. In the digital era, students' learning ability is reflected in the ability of acquiring knowledge, screening knowledge and using knowledge [7]. The search and selection, processing and application of information, even creative use of knowledge information, all depend on the students' information literacy. The rapid development of information technology has led to the emergence of ubiquitous knowledge environment characterized by omnipresent, transparency and intelligence [8]. Employment ability is a comprehensive ability, including the ability to find job opportunities, obtain jobs and keep the job opportunities. It tests the students' ability of thinking, learning, adaptation and adaptation, and learning ability is the most basic [9]. 5g, the abbreviation of the fifth generation mobile communication technology, is the latest generation cellular network developed with the gradual expansion of the application scope of computer information communication technology and the gradual improvement of performance on the basis of the original 4G, 3G and 2G systems [10]. This paper analyzes the connotation of information literacy cultivation of higher vocational college students, discusses the current situation of information literacy cultivation of college students, and expounds the content system and training methods of information literacy training based on employment orientation in 5G background.

## 2. The Content System of College Students' Information Literacy

Information literacy education is not only a skill-based education, but also promotes college students to use technical means to obtain information and complete their studies. At the same time, it is a quality-oriented education, which can help and promote college students to form independent learning ability, analysis ability, thinking ability and innovation and entrepreneurship ability. Information ethics needs to be strengthened especially in the information age, because the communication between people is face-to-face under the traditional social conditions, and people's self-discipline or good moral appearance on certain issues is due to the pressure of public opinion. However, in the information age, interpersonal communication is looming. At present, there are worrying phenomena among teenagers, such as lying on the Internet, using abusive language, reading bad information, distributing viruses, and even various information crimes constantly appearing and showing an upward trend. UNESCO defines information literacy as a combination of knowledge and skills, including information awareness, information needs, and the ability to identify, locate, evaluate, organize and use information to solve practical problems. Information ability mainly shows the ability of information retrieval, processing, sorting, utilization and creation. For innovative and entrepreneurial talents, by casting the ability of innovative and entrepreneurial information, we can quickly identify the authenticity of information in massive information, and effectively use information to create new information and new ideas for my use, so as to capture the development opportunities. Information literacy includes information knowledge, ability, consciousness and ethics.

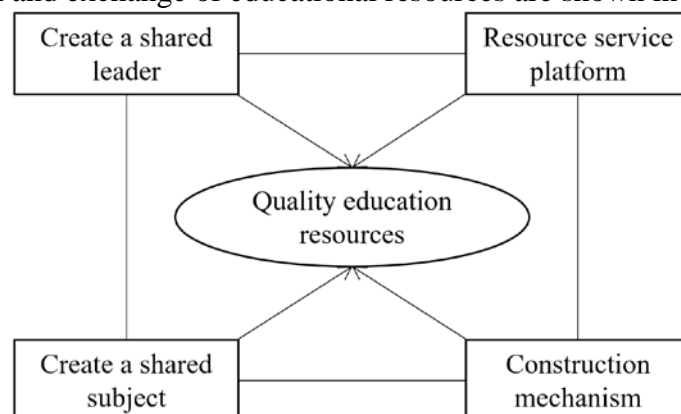
Today, information literacy has been widely regarded as an essential ability and basic quality for people to survive, learn and develop in the information society. Figure 1 shows the structure of a system for jointly building and sharing digital educational resources under the background of 5G.



*Fig.1 The Structure of the Digital Education Resource Co-Construction and Sharing System*

A person with good information literacy should first be a person with good information ethics and moral cultivation. Even if students master the knowledge of information technology, they can't play the role of information technology if they don't want to use it or lack the awareness of using it. Therefore, a person with good information literacy should have a positive attitude of using information technology. Employment ability is a kind of ability that directly relates to whether a person can realize his employment ideal and realize his own value. For college students, employability is a comprehensive ability to discover, obtain and maintain job opportunities, which includes learning ability, thinking ability, adaptability and adaptability, among which learning ability is the foundation of employability. Information literacy education essentially emphasizes the stimulation of information consciousness, the absorption of information knowledge, the application of information ability and the restriction of information ethics [11]. Therefore, the focus of information literacy education around the goal of cultivating innovative and entrepreneurial talents is to cultivate the “four-in-one” information literacy of college students and give full play to the comprehensive role of information literacy in the consciousness and ability of innovative and entrepreneurial spirit.

In today's ubiquitous knowledge environment, college students' learning ability is more manifested as the autonomous learning ability of acquiring, selecting and utilizing knowledge. How to find knowledge information, how to select, analyze, process, communicate and even use it creatively depends on a person's information literacy level. The core elements and relationships of the model of co-creation and exchange of educational resources are shown in Figure 2.



*Fig.2 The Core Elements and Relationships of the Educational Resource Co-Creation and Sharing Model*

Although “internet plus” provides opportunities for college students to innovate and start businesses, the Internet is not a place of extra-law, and it cannot be a place where Internet rage and unfair business practices spread. For innovative and entrepreneurial talents, it is necessary to enhance their information ethics of innovation and entrepreneurship. Most college students are not clear about the concept of “information literacy”, and most students have not studied the course of information retrieval and utilization. The present situation of college students in information literacy makes us deeply realize the important value of information literacy education in higher vocational colleges. Innovation and entrepreneurship information literacy is the combination of information literacy education and innovation and entrepreneurship education. It mainly refers to the quality that college students improve their information awareness, accumulate entrepreneurial information knowledge, improve their ability to process innovative and entrepreneurial information and standardize the ethics of using entrepreneurial information in the process of innovation and entrepreneurship, and gradually form the quality of acquiring, judging, processing and innovating innovative information, knowledge and principles of innovation and entrepreneurship, and finally promote their creativity and entrepreneurial ability. Creative thinking is the core of innovation, and information demand is the necessary condition for creative behavior. Creative thinking is initiated by information awareness, while information skills expand the ways of talent innovation.

### **3. The Cultivation Method of College Students' Information Literacy**

#### **3.1 Integrating Information Literacy Knowledge and Professional Courses**

The training goal of higher vocational education is to train high-level applied and skilled talents with strong practical ability and innovative ability. This training goal determines that in the information age, higher vocational colleges must take the education and training of information literacy as an important part of quality education for college students. The integration of information literacy education and professional courses is conducive to the continuous and long-term education of information literacy. In fact, information literacy is not an independent course, and it can complement other professional courses to achieve a good educational effect. As information literacy plays an important role in promoting the employability of college students, it is particularly urgent and necessary to carry out information literacy education in higher vocational colleges in order to enable college students to actively discover employment information and achieve the life goal of being able to find jobs, start businesses and choose jobs, and libraries have an unshirkable responsibility in this regard. The society is constantly developing, and education also emphasizes keeping pace with the times. Mobile devices such as mobile phones and tablet computers are widely used, so a corresponding mobile information literacy education platform can also be established.

#### **3.2 Integrating Information Literacy Education into Campus Culture Construction**

Integrating information literacy education into the construction of campus culture is helpful to cultivate college students' information morality and behavior. Only when we make joint efforts to create a good atmosphere of information literacy training can we improve the information literacy training and education of college students qualitatively. Organizations organize various campus activities, which can guide students to learn and use information skills, and feel the importance of information skills in social life. In the process, they want students to transmit network laws and regulations, network ethics and other aspects, so as to encourage students to restrain their behavior from the heart and create a good information literacy training atmosphere. To cultivate college students' information literacy is to cultivate the qualities that college students should have for

practicing lifelong learning. The cultivation of information literacy is a subtle process, and it is also a systematic project, which requires mutual cooperation and cooperation from all aspects [12]. Colleges and universities should take advantage of various virtual simulation experimental teaching projects at all levels to promote the full coverage and deep development of the experimental training teaching of innovation and entrepreneurship information literacy. If college students want to stand out in the fierce employment competition, they must have good information literacy and consciously cultivate their abilities in this respect in the process of professional study. For higher vocational colleges, the cultivation of information literacy of college students should also be regarded as an important booster to help them improve their employability, and efforts should be made to innovate education and teaching models and create a good information environment.

#### 4. Conclusions

The cultivation of college students' information literacy is a long-term and systematic work, which requires cooperation and efforts from many parties. Good information literacy is a magic weapon for college students to stand out in the fierce talent competition, and it is also a solid foundation for students to recognize their professional values and ideals. If college students want to stand out in the fierce employment competition, they must have good information literacy and consciously cultivate their abilities in this respect in the process of professional study. For higher vocational colleges, the cultivation of information literacy of college students should be taken as an important booster to help them improve their employability, and efforts should be made to innovate education and teaching modes and create a good information environment, so that college students can master information skills better during their school years. The society is constantly developing, and education also emphasizes keeping pace with the times. Mobile devices such as mobile phones and tablet computers are widely used, so a corresponding mobile information literacy education platform can also be established. Teachers should pay attention to acquiring information knowledge from all aspects in the process of solid information technology teaching, so that the information technology teaching of college students can reach a new level.

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