

# Effects of Social Media among the Students of Shaoyang University Leading Towards Integration of Information Literacy

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## Abstract

**With the rapid development of information technology, the requirements for college students' information literacy are getting higher and higher. Based on this, this paper investigates the information literacy of college students in Shaoyang University, briefly analyzes the connotation of information literacy and the problems existing in contemporary college students' information literacy, and then puts forward the methods of students' information literacy education, hoping to bring reference for improving college students' information literacy level.**

## Keywords

**College Students; Information Literacy; Curriculum Revolution.**

## 1. Introduction

The rapid development of information technology has brought earth-shaking changes to people's lives, which can not only have a good impact, but also make it easier and faster to obtain information and exchange, broaden their horizons, and make information technology-related technologies and industries more developed. It may also bring negative worries, because the environment of these communication technologies is having a negative impact on people's health, behavior and even study habits, resulting in information overload. It is the successor of college students in the future, and it is also a generation that has grown up in the era of information explosion. Obviously, with the rapid growth of social media, students' social behaviors have changed rapidly and violently, and they have played an important role in finding partners, obtaining information and learning habits. In order to adapt to the current era, college students need not only professional knowledge, strong physique and tough character, but also higher ideological and political level and higher information literacy [1]. Therefore, it is very important for students' development and school education reform to carry out information literacy investigation and research in colleges and universities, which has far-reaching practical significance.

Taking the students of Shaoyang University as the research object, a questionnaire survey on "information literacy education of college students and its existing problems" was carried out, aiming at understanding college students' knowledge and views on their own information literacy, and putting forward new suggestions and methods for formulating and promoting the reform of information literacy education of college students.

## 2. Connotation of Information Literacy

Information literacy is a part of people's overall quality and one of the basic abilities necessary for life in the information society. College students' information literacy ability is an essential basic skill, and it is also an inherent requirement to adapt to the development of the new era. Specifically, information literacy mainly includes four aspects: 1) Information awareness is the

premise of information literacy and the sensitivity of individuals to information, which determines people's awareness of capturing, judging and using information. 2) Information knowledge, the foundation of information literacy, is the knowledge about the characteristics and types of information, the basic laws and ways of information exchange and dissemination, the functions and effects of information, information retrieval, etc. Knowledge can not only change people's knowledge structure, but also activate the original professional knowledge, so that cultural knowledge and professional knowledge can play a greater role. 3) Information ability, the guarantee of information literacy, is the ability of individuals to obtain, process and use information. 4) Information morality is the moral standard of information literacy, which means that in the process of using information, it is necessary to establish correct moral standards and legal concepts, enhance security awareness, improve the ability to judge and evaluate information, and use information resources in a civilized, accurate and reasonable way [2].

### 3. Research Design and Analysis of Survey Results

#### 3.1. Research Design

On the basis of referring to relevant research achievements and comprehensive literature at home and abroad, this paper probes into college students' knowledge of their own information literacy, and at the same time puts forward corresponding countermeasures for the problems existing in cultivating college students' information literacy education. In this study, a questionnaire on information literacy in universities was designed to collect the information of the subjects. In addition to the basic situation of students, it focuses on the comprehensive cognition of college students on their own information literacy. 500 questionnaires were distributed through the online survey platform of Questionnaires, and 459 valid questionnaires were collected, with a recovery rate of 91.8%. The distribution of gender, major and origin of this survey sample is relatively balanced. See Table 1 for the descriptive statistical results of the sample.

**Table 1.** Descriptive Statistical Table of Sample

	classification	quantity	Proportion (%)
Gender	male	231	50.31
	female	228	49.69
Major	Engineering class	136	29.63
	Literature and history	171	37.25
	Art	152	33.12
Region	rural area	274	59.69
	town	185	40.31
Total		459	100

#### 3.2. Problems Existing in Information Literacy of College Students at Present

##### 3.2.1. Problems Existing in Students' Own Information Literacy

The ability of information retrieval and identification is weak. The development of information technology has accelerated the speed of information dissemination, and students' access to information has increased. Faced with complicated information, 87% of students spend more than 8 hours on mobile phones, computers and other networks every day, and 92% of students often use more than three social media, mainly making friends, playing games and watching video programs through social networking platforms such as QQ, WeChat, Weibo, bilibili and Tik Tok. 89% of the students feel that their sensitivity to information awareness is not high,

which leads them to drown in the ocean of information, unable to accurately capture important information, and receiving a large amount of useless or even harmful information. 9% of the students say that they have been deceived by false information or caused economic losses. Some students, with weak legal awareness, become the keyboard man hiding behind the network, which may seriously affect their physical and mental health and even lead to tragedy. It is urgent to improve students' information identification and cognitive ability.

Lack of information transformation and creativity. Access to information is important, but more important is the ability to use and process information. It is particularly important for college students in the new era to make full use of existing information resources, transform and create them for their own use and play a role. Fast-food reading in the information age makes students' memory, thinking power, analysis power and expression power fully depend on the Internet, and little is really internalized and absorbed [3]. The results of the questionnaire show that 79% of the students collect information only as a means, not as an end. The search for related information such as professional learning through the Internet is purely passive, and they have no initiative to expand the learning content through the Internet, so they can't summarize and classify the information. They just paste and copy it mechanically, and the information is not transformed into production and creativity with their own majors and practices, so they can't give full play to the maximum utility and value of information resources.

### **3.2.2. Problems in Information Literacy Education in Colleges and Universities**

Although college students are the main body of personal information literacy training, schools also play an indispensable role in guiding and cultivating students' information literacy. At present, the publicity and promotion of information literacy education in China is still not thorough and comprehensive, and students' independent learning and experience accumulation are the main factors. Information literacy education in schools is not paid enough attention and has a single form, which can't effectively link up with the cultivation of professional and professional abilities. The schools mainly offer computer information courses and literature retrieval courses. These two courses have few hours, so students are not familiar with these two courses, and their interest in class is not high. 42% of the students think that the teaching of these courses has not fully played its due role, especially for art students. 74% of the students think that these courses are boring, difficult to teach and effective.

Teachers' information literacy also needs to be improved. Some professional teachers may ignore the emerging network resources and technical means because of their majors and ages. Although online information literacy education modes such as "MOOC", micro-class education, and online and offline education have sprung up like mushrooms [4], teachers' own information literacy is not high, and they lack the awareness of strengthening students' information literacy. In teaching, they are even less involved in information literacy education, which can't correspond to it.

## **3.3. Exploration of Information Literacy Education Approaches for College Students**

### **3.3.1. Adjust the Course Objectives, Contents and Evaluation Index System Reasonably**

Whether it is a computer major course or other courses, we should increase the target, content and evaluation index system of information literacy training for college students. Because information literacy is an indispensable skill for college students, and it is also an inevitable requirement for college students in the new era. Carrying out information literacy guidance and evaluation for college students in each course can change the emphasis on imparting professional knowledge in previous courses, achieve the goal of learning professional knowledge and mastering information skills, and enable students to learn, understand and remember in the process of information search, which can not only enrich professional knowledge but also cultivate their ability, and form a correct way of thinking and values. At

present, the content of information literacy in higher education is mainly based on the basic skills of traditional education of information literacy, database retrieval and application, and connotation development. It is necessary to change the teaching content with outdated knowledge points, great difficulty and bias. The teaching content of information literacy, which is closely related to professional study and life, such as information search and knowledge acquisition, should be added to each professional course, and information literacy, scientific literacy and humanistic literacy should be integrated into professional study. Adding information literacy evaluation to each course is also an important link to help college students improve their information literacy level. It can make students correctly recognize their own strengths and weaknesses, and constantly promote the improvement of students' information literacy in a subtle way.

### **3.3.2. Make Good Use of Network Media in the Course Implementation**

In the course activities of some colleges and universities, students' physical and mental development laws and interests are not well followed, resulting in boring teaching content and rigid mode. Most of the time, students act as background boards or passive participants, which is not conducive to the development of professional learning, nor to the improvement of students' information literacy level. Contemporary college students' ability to use the Internet and self-media has greatly improved. Self-media platforms such as Weibo, WeChat or Tik Tok have become the main platforms for college students to get information and understand the society, and their ideas are deeply influenced by social platforms. Therefore, in the process of teaching practice, teachers should change their ideas, find a more balanced and reasonable structure, make use of more digital information technology, take computer technology, information technology and multimedia technology as technical support, and make use of the rich network teaching resource database [5], such as bilibili, Tik Tok, massive open online course, micro-courses and other network media means to stimulate students' interest in learning and strengthen practical links. Promote the teaching by the way of information interaction that students like and are used to, and change students' "asking me to learn" into "I want to learn" in the learning process, so as to improve students' learning and practical ability of information processing and utilization. Only by taking the initiative to participate, being willing to explore, being diligent and working together, can students continuously strengthen their knowledge learning and information literacy practice, which will achieve twice the result with half the effort for students to improve their information literacy.

### **3.3.3. Improve the Construction of Teachers' Information Literacy**

As a guide to the cultivation of students' information literacy, teachers' own information literacy, ideological and moral level and teaching ability are also very important. It is necessary to strengthen the construction of the professional team of information literacy teachers, and at the same time, it is necessary to enhance the information literacy of other teachers. Teachers in colleges and universities should enhance their awareness of lifelong learning, constantly improve themselves, and make sufficient preparations for promoting the development of information education. Therefore, teachers should actively learn new information theory knowledge, strengthen the training and communication of teachers' information management, improve their information literacy teaching ability, and always keep their own information literacy progress and innovation of teaching ideas. In addition, college teachers should run through the relevant knowledge of information awareness and information ability in the classroom, pay attention to the education of daily information retrieval and the guidance of students on information utilization, and also pay attention to students' differences in teaching methods. Only when teachers provide students with personalized information training programs and service paths can they lay a good foundation for the improvement of students' information literacy level.

### 3.3.4. Pay Attention to the Construction of All-round Information Literacy Education Environment in Colleges and Universities

Information quality education has not been paid enough attention in some colleges and universities. Insufficient attention, insufficient knowledge and insufficient investment are the main problems in information literacy education of college students [6]. Schools should increase capital investment, gradually form an all-round information literacy education environment, and integrate advanced network technology, information technology and intelligent technology into the whole process of teacher-student management and service. For example, a brand-new digital library is set up, which is free and open to teachers and students, and provides them with a good environment for information literacy learning. Enrich the versatility and stability of information campus software systems such as teacher's office information system, educational administration management system, scientific research management system and student service system, so that teachers and students can always be in an efficient information campus atmosphere and complete a series of daily tasks such as teaching, learning, life and attendance. Further improve the relevant teaching facilities on campus, establish network multimedia classrooms, and bring new learning experience to students. Starting from the soft and hard environment, we should pay attention to improving the information literacy of teachers and students, so that teachers and students can master more information literacy knowledge [7]. Schools should attach great importance to innovation and entrepreneurship, "internet plus" and other activities that can fully cultivate students' information literacy, and set up special training system and reward mechanism to fully guarantee the effective development of the activities.

## 4. Conclusion

In a word, it is self-evident that the information literacy education of college students plays an important role in improving their theoretical study, practical ability and innovation level. Colleges and universities should pay full attention to it, actively carry out relevant educational reforms, and promote the improvement of students' professional ability and information literacy from various aspects, so as to cultivate high-quality comprehensive talents for socialism.

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