

Research on the Method of Cultivating the Psychological Quality of Teaching Managers in Colleges and Universities Based on Information Technology

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Abstract: Under the environment of educational informationization, there are still some problems for teaching managers in Colleges and universities, and improving the psychological quality of teaching managers is the key to solve these problems. Therefore, starting with the definition of the concept of information literacy of teaching managers in Colleges and universities, the author explores and studies the present situation of the psychological quality of teaching managers and the necessity and importance of cultivating the psychological quality of teachers in Colleges and universities. Research shows that improving the teaching management of colleges and universities and improving the psychological quality of teaching management personnel are of great significance for reforming teaching work, improving the quality of education and enhancing the efficiency of running schools.

1. Introduction

The teaching management of colleges and universities is the process of scientific organization, coordination and control of school teaching work. It is an important guarantee for creating a good teaching environment and maintaining normal teaching order, and is the basis for improving teaching quality [1]. All government agencies and departments, especially the teaching units, do not attach importance to the accumulation and management of teaching archives. Some important documents and materials are not transferred to the archives because of their convenience. [2] In the absence of modern warehouse storage and computer retrieval under the conditions of self-storage, the material is too much to be lost and can not be found when I think of going to the archives to find it can not be found. This is directly related to the inability of managers to communicate with each other in a timely manner or lack communication skills [3]. Teaching management is the central work of universities. Teaching management plays a very important role in the management of colleges and universities. The quality of teaching managers will directly affect the improvement of teaching quality in Colleges and universities and the realization of the goal of talent cultivation in Colleges and universities [4]. The basic characteristics of open, sharing, interaction and collaboration of educational informationization and the promotion of educational modernization require the educational circles to change the traditional mode with information technology [5]. Under this background, how to actively adapt the teaching management of colleges and universities to the development needs of the information age is a major issue facing the school management [6].

The 21st century is an era of knowledge economy. One of the most prominent characteristics of knowledge economy is the extensive application of information technology. In the new century, higher education has entered a new stage of development. The quality, specifications and training mode of high-level talents are constantly changing with the development of the times. At the same time, higher requirements and more severe challenges are put forward for teaching management and managers [7]. That is to say, there is a need for effective communication between teaching managers. With the acceleration of the development of colleges and universities, the excitement of many leaders is developing [8]. And one of the foundations of development, teaching management in higher education institutions, no matter in the design of the management system, the configuration of institutions and special-time staff, or the improvement of modern archive management conditions, personnel training, are rarely included in the leadership agenda. The ability

of teaching management personnel is a key factor in determining the success of teaching management [9]. Therefore, how to cultivate and improve the ability of teaching management personnel is an important issue that needs to be solved urgently in higher education institutions. As one of the main subjects of teaching management, teaching management personnel can only deepen teaching reform, improve management efficiency and improve teaching quality only by establishing the concept of information-based teaching management and continuously improving their information literacy. The general trend of teaching management informationization [10].

2. Methodology

At present, the teaching management of higher education institutions is not efficient, and the communication between various management links is not smooth or disconnected. Under the guidance of modern educational thoughts, the teaching management letter uses information management theory and information management methods, takes modern information technology as the core technology, fully considers external variables and information, and organizes and allocates teaching information resources. Thereby, information-based teaching management activities are carried out, so as to achieve the established teaching goals efficiently. Solving the psychological needs of teaching management personnel and adopting positive incentive measures are effective ways to improve the psychological quality of teaching management personnel. Teaching management is a kind of routine work which is easily replaced by other teaching tasks, and it is an aftermath behavior which is easily ignored by people. In addition to middle and senior teaching managers, many managers have not received education, management, computer science and other education systematically, and are not familiar with the use of modern teaching management technology and equipment to improve work efficiency and efficiency. Teaching management involves teaching, scientific research, students and other documents. Studies have shown that 75% of a person's success depends on communication and 25% on genius and ability. This will greatly affect the efficiency of teaching management in Colleges and universities, and then affect the quality of teaching and personnel training.

The factor scores of teaching managers are converted into corresponding standard scores. Table 1 lists the proportion of teaching managers in each standard score.

Table 1 Scores of Creative Ability of Teaching Managers

Factor total score	Below 70 points	75 to 85 minutes.	More than 90 points
Standard score	Below 5 points	7 points	9 points
Proportion	32.7	43.6	23.6

As far as teaching management is concerned, if communication and communication are insufficient, the possible results are poor decision-making, disconnection between management links, inefficiency, decline in teaching quality and so on. Teachers and teaching managers have obvious advantages in mental health, risk-taking, emotional stability and extroversion. The main reason is that: compared with teachers, managers have various gaps, such as different working hours, different remuneration, difficult Title Evaluation and so on, resulting in some managers' psychological imbalance, showing anxiety, tension and distress, and emotional instability. The components of information literacy of teaching managers in colleges and universities are mainly composed of information consciousness, information knowledge and information ability. In order to achieve effective communication and communication, we must first define the meaning of communication and communication. Due to institutional setup reasons, the teaching department departments generally do not separate the teaching work from the file management work. Some departments and departments have full-time information staff. However, because they work in an office system, their responsibilities are often confused and often replaced by other administrative offices. It is difficult to concentrate on file management. Therefore, as a teaching management staff in colleges and universities, they must fulfill their duties and have a high sense of responsibility. Integrate your work with the development of the school.

Although the theoretical research of national informatization cannot be copied to the

construction of university information system, it still plays an important guiding role for our research. The author proposes the following institutional structure and construction goal framework of colleges and universities (Figure 1).

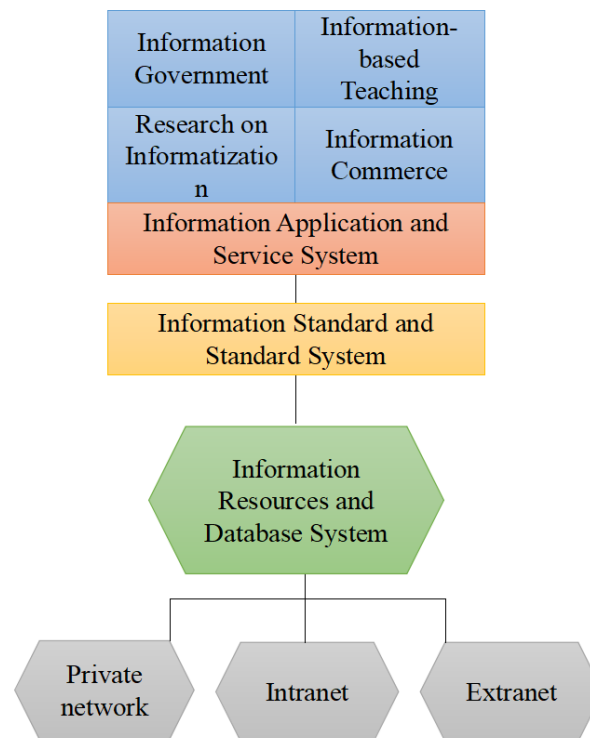


Fig.1. The System Structure and Target Structure of Informatization in Colleges and Universities

3. Result Analysis and Discussion

With the further deepening of the reform of higher education institutions in China and the continuous expansion of the scale of running schools, the teaching management personnel of higher education institutions exist: the sources of personnel are complex, and the problems are uneven. According to the classification management of teaching archives by higher education institutions, the departmental archives contain more basic archives such as classroom teaching, teaching internships, and class arrangements, but the management of departmental archives in actual work cannot be managed. Pay attention to it. In order to enhance their future competitive strength, colleges and universities must strengthen communication between members of higher education institutions and enhance communication skills with off-campus organizations. Between the teaching management staff at different levels of education, many levels of personality factors also increase with the increase in the level of education. Teaching management plays an important role in the management of colleges and universities, and its informationization degree is directly related to the quality and efficiency of running colleges and universities. However, with the rapid development of information technology, the work of teaching managers is complicated and learning and training can not keep up, which makes the overall level of information literacy of teaching managers not high enough. As a deep-seated thought, it guides all educational administration work. This requires educational administrators to be loyal to the Party's educational cause, down-to-earth and practical.

Principal component analysis was used to investigate the occupational psychological characteristics, personality psychological characteristics and adaptive psychological characteristics of the psychological quality of teaching managers. The inspection diagram is shown in Figure 2.

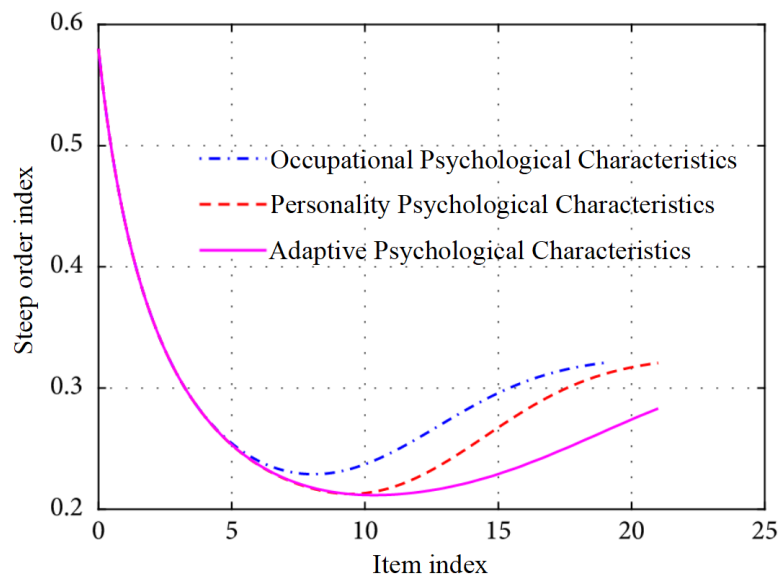


Fig.2. Steep-step test charts for formal tests of psychological characteristics questionnaires

In order to solve the problems faced by teaching administrators in Colleges and universities, one of the main ways is to train and improve the ability of staff. In the process of teaching management in Colleges and universities, if teaching managers can communicate effectively with superiors and subordinates, peers and students in a timely manner, teaching management can achieve greater benefits with less cost. Especially in the aspects of intelligence, stability, independence, self-discipline and adaptability, teaching managers with bachelor's degree or above show a higher level, and have good mental health, higher professional achievements and creativity. In practice, teaching managers often need to solve some simple information technology problems, such as LAN connection maintenance, hardware and software resource sharing, and system reloading. From the perspective of teaching management content, informatization involves the work of teaching plan management, teaching process management, teaching quality management, teaching administration and teaching construction management. Only when a person has a strong sense of professionalism will he be strictly required to perform his tasks well and make extraordinary achievements in his ordinary post.

4. Conclusion

The teaching management of colleges and universities is also a professional, technical, intellectual and scientific labor. Therefore, under the impetus of professionalism, responsibility, achievement and motivation, managers urgently need to update their knowledge, study business and improve technology. Level. At present, we should fully realize that the communication management personnel in colleges and universities have a weak communication ability, and the communication between teaching managers is not timely and not smooth. Therefore, as a teaching and management personnel in colleges and universities, it is necessary to have a bachelor's degree or above in order to better adapt to the modern teaching management work, so that both the higher education institutions and managers can win in the fierce competition in the future. never fail. Under the environment of educational informationization, it is a long-term and gradual process to improve the psychological quality of teaching managers in Colleges and universities. It is necessary to change educational ideas and concepts. There are two ways to solve this problem: on the one hand, according to the high level of management, we should formulate the post responsibility system of managers, and carry out strict assessment. On the one hand, diverting personnel or retraining them, taking turns to work, or receiving continuing education, in order to improve their educational structure. Generally speaking, teaching managers have personality psychological characteristics such as trust, easygoing, calm and so on. These personality factors and their related psychological qualities are very beneficial to management work, and they are also necessary for managers.

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