### Research on the Training System of Teaching Management Talents in Art Universities Based on Big Data

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**Abstract:** in the New Era of Socialism, Where Big Data is Booming and Multiculturalism Influences Each Other, How to Use Big Data Scientifically, Efficiently, Reasonably and Legally, to Explore the Training System of Teaching Management Talents in Art Universities, and to Carry out Targeted Training of Teaching Management Talents in Art Universities System Research and Improvement of the Quality of the Teaching Management Personnel Training System Are Not Only Related to the Growth of Young People, But Also to the Development of Society and the Future of the Country. Therefore, This Thesis Attempts to Explore the Research on the Training System of Teaching Management Talents in Art Colleges Based on Big Data.

### 1. Introduction

With the development of society and economy and overall progress, the people's pursuit of spiritual culture is getting higher and higher. Art plays a decisive role in the construction of spiritual culture. Therefore, it is an urgent requirement for the development of the country and society to do a good job in the innovation of art education and accelerate the cultivation of artistic talents. In general, the training of teaching management talents in art universities in China has not got rid of the traditional "inheritance" education mode based on imparting knowledge. Art management talents in art colleges should not only adapt to society and serve the society, but should take the initiative to lead the development direction of social art culture. It is the responsibility given by the times to cultivate innovative and practical art management talents in colleges and universities. Therefore, it is of great significance to explore the training system of teaching management talents in art colleges based on big data.

### 2. The Importance of Training University Management Talents

The scientific and standardized management strategies of higher education institutions in order to further improve the management level and the quality of education and teaching, thereby improving the efficiency of running schools. The realization of the goal of talent training in colleges and universities, the importance of teaching management personnel can not be ignored. Teaching management in colleges and universities mainly includes the management of teaching plans, the management of teaching operations, the management and evaluation of teaching quality, and also includes discipline construction, professional construction, curriculum construction, teaching material construction, laboratory construction, practice teaching base construction, and study style construction. Management of teaching personnel team construction, teaching management system construction and other related content. All of these require professional implementation. The training of teaching management personnel and the teaching management of higher education institutions have also ushered in new challenges. At the same time, with the development of social needs and the soundness and operation of the market economy system with Chinese characteristics, the external environment of teaching management personnel training in higher education institutions has undergone new changes. Ordinary institutions of higher learning must combine themselves according to their own advantages and characteristics. The characteristics and development of the stage, development and other comprehensive factors to carry out the training of teaching management personnel, improve the quality of talent. Based on this, the author starts from

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the current situation of the cultivation of teaching management talents in colleges and universities, and discusses the training strategies of teaching management talents in higher education institutions, in order to help train more and better teaching management talents in higher education institutions.

## 3. Current Situation of the Teaching Management Talents Cultivation in Colleges and Universities

High-quality teaching management is a way to continuously improve the teaching quality and school-running efficiency of colleges and universities and ensure the realization of talent training programs in higher education institutions. The quality of the teaching management talent team is uneven, which leads to the lag of the concept of college education and teaching, and the lack of service awareness. From the current situation, there are mainly the following problems: First, the teaching management system of higher education institutions is not standardized. At present, the teaching management links involved should use more scientific and standardized rules and regulations. Once the management system is established, the administrators of higher education institutions should require the management personnel to obey the management system, and require management objects to obey the university administrators, but if too Emphasizing the centralized control of education and teaching activities, it will also appear that management is not humanized. Second, the teaching management system of higher education institutions is not comprehensive enough. We should focus on how to better mobilize the subjective initiative of all kinds of college students, so as to provide good opportunities for college students to develop their interests and specialties, which also helps to cultivate a variety of outstanding talents that are more suitable for the current social development. Third, the incentive mechanism for teaching management in higher education institutions is not sound enough. In the teaching management, some universities only pay attention to the teaching achievements and business of teachers, and pay insufficient attention to the achievements and business abilities of teaching management personnel. As a result, in the work incentive system, the rewards for teaching managers of higher education institutions are not prominent enough, resulting in a large number of Teaching management talents only maintain the status quo of work, and the initiative in teaching management cannot be mobilized and stimulated. Fourth, the relevant training in higher education institutions is not perfect. At present, there is relatively little training for teaching management talents in higher education institutions, and most of these people graduate from social sciences and other majors, not from the teaching management majors in universities, and they are waiting for innovation and consciousness in their work. Continue to improve. With the continuous development of modern society and the arrival of the information age, teaching management workers in higher education institutions must not only do their own work, but also carefully learn to update teaching knowledge and technology, and master the most advanced information network technology. Computer management system to carry out daily teaching management work more efficiently. It is not difficult to see through the above analysis that the training and training in the teaching management of higher education institutions in China is still not sound enough and needs to be further improved. Under the new situation, our teaching management work should also keep pace with the times, and keep pace with the development of the times, strengthen the training of teaching management talents, so as to carry out work more efficiently.

### 4. The Impact of Big Data on the Teaching Management Talents Training in Art Universities

Big data came into being under the network environment, and its arrival has opened a major era transformation and social change. Big data has penetrated into all areas of social life, from technology to business, government, education, health, culture and other fields. The arrival of the era of big data has given a lot of new value to basic data. In March 2014, when the word "big data" appeared for the first time in the government work report, how to effectively use big data to promote innovation in social management became a hot topic in society. The topic. The changes brought about by big data for social management will also promote the development and

transformation of the entire education industry. Of course, its influence will also include the cultivation of teaching management talents in art universities. Big data provides a more accurate data background and rich and reliable educational methods and technical means for the cultivation of teaching management talents in art universities, which improves the pertinence of the training of teaching management talents in art universities. At the same time, the new changes, new requirements, and new laws of the network environment brought about by big data have also exerted new pressure on the training of teaching management talents in art universities. Therefore, under the perspective of big data, the opportunities and challenges of the cultivation of teaching management talents in art universities coexist.

Big data has penetrated into all areas of college campuses, and big data technologies have begun to be applied on campus. Big data not only adds new vitality to university management, but also injects new vitality into the cultivation of teaching management talents in art universities, and provides more possibilities for improving its pertinence, timeliness, sensitivity and effectiveness.

With the rapid development of Internet technology and network data, college educators rely on the statistical functions of the network platform and the big data provided by human beings to provide useful reference and methods for the innovation and response of the teaching management talents in art universities. The development of teaching management talents, especially how to develop them, is generally through empirical analysis. The management of teaching management talents based on big data should not be merely a summary of experience. For example, the emergence of "wearable" electronic devices has made every change in an individual's position and even physiology a data that can be recorded and analyzed. Through big data mining, find valuable information from massive data, find problems and improve the level of scientific prediction. Introducing big data in the training of teaching management talents will help to accurately grasp each student's personality characteristics and emotional cognition in a timely and accurate manner. It is of great significance to truly "know and know each other". This will not only make the object of education clear and transparent, but also achieve the purpose of education and education.

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University administrators should attach great importance to teaching management. Only managers of higher education institutions pay great attention to the teaching management of the university, and regard it as an important part of the school's development strategy, and regard it as normal operation of the school. An indispensable part of the school, the teaching management talents of the school will be more motivated and active when they carry out their work, and the initiative of the majority of teaching and management personnel in colleges and universities can be significantly improved. In view of this, the author believes that in order to better cultivate teaching management talents in higher education institutions, it is necessary to first raise the importance of the management of colleges and universities.

Enhancing the Comprehensive Quality of Teaching Management Talents in Colleges and Universities In order to create a better environment for educating students, it is necessary to strive to improve the overall quality of teaching and management personnel in universities. The scientific outlook on development believes that what kind of development concept, what kind of development path, development model and development strategy are necessary will have a fundamental and overall impact on the practice of development. In the same way, what kind of teachers can cultivate what kind of college students talents, the quality of teaching management personnel in higher education institutions will directly affect the quality of college students, that is to say, it is imperative to improve the quality of teaching management talents. Regardless of the teaching management research, the setting of the teaching management mechanism of colleges and universities, or the process of teaching management services, the teaching managers of colleges and universities must have corresponding expertise, especially the basic knowledge of education management and scientific management. At the same time, continuously improving the academic level and professional level of teaching managers in higher education institutions is also the general

trend of higher education development. It is necessary to continuously strengthen the construction of teaching management talents in higher education institutions, and improve the overall quality of teaching management talents in colleges and universities. Development creates a better educational atmosphere.

Practically Establishing Teaching Management Service Consciousness Under the current teaching reform environment of colleges and universities, the development of college students has always been the core link of higher education development. All the ideas of higher education for students and students are gradually deepening. With the constant change of the concept of higher education, the ideas of higher education are constantly changing and developing. In addition, with the rapid development of modern information technology, service has become a potential concept of teaching management. On the one hand, it serves the teachers and college students of colleges and universities, on the other hand, it is better to implement the teaching management service. Based on the current work, serving the teachers and students of the university with a good sense of service, is a booster to promote the teaching management of higher education institutions.

Pay attention to the training and exchange of teaching management personnel. Higher education institutions must pay attention to the development of various types of training related to teaching management. This is one of the important ways to improve the quality of teaching management talents in higher education institutions. In the education and teaching activities of higher education institutions, it is necessary to arrange training and special lectures on teaching management. At the same time, regular implementation of activities such as the exchange of teaching management experience in colleges and universities, put the thoughts and experience of each teaching management talent in front of everyone to achieve sharing. Through mutual communication and learning, the teaching management personnel's respective teaching management capabilities are enhanced, which is also extremely important for improving the quality of teaching management talents.

Introducing modern office means to improve the management rate. In the process of teaching management in higher education institutions, it is often necessary to deal with various types of data, such as the number and achievements of college students, the number of university teachers, and the workload. Very large and requires accurate data. If traditional manual processing is followed, not only is the efficiency of statistical data very low, but the accuracy is not very high. However, with the continuous introduction of modern office means, the data processing of electronic computers provides convenient and quick office means for teaching management workers, and can avoid all kinds of mistakes to the maximum extent, which helps to improve the management level of higher education institutions. And work efficiency.

Continuously improve the business ability of teaching management talents The main service targets of teaching management personnel in higher education institutions are the teaching talents of higher education institutions with higher theoretical knowledge level and the talents of college students who are constantly absorbing new knowledge. The common feature of the service objects is High level of knowledge. Therefore, if the teaching management talents of colleges and universities lack the corresponding reserves of knowledge, they will lack sufficient common language, and naturally it will be difficult to carry out good work. It is difficult to recognize the law of education and teaching, which makes it difficult to implement teaching management. Therefore, the teaching management talents of colleges and universities must conscientiously study the scientific and cultural knowledge, strive to master the various professional knowledge required in the scope of their management, fully understand the working nature of their work departments, jobs, work rules and future development directions. In order to fully implement the various management systems and related policies of the university, familiarize with the specific content, work procedures and implementation steps of their work, and effectively grasp all kinds of knowledge related to their work, such as higher education, college psychology, and Computer knowledge and more. At the same time, it should also be urged to participate in various types of business training, so as to continuously improve their business capabilities.

### 6. Conclusion

In short, under the background of big data, vigorously cultivate the teaching management talents of art colleges and universities, establish and improve the teaching management system suitable for art colleges and universities, and improve the comprehensive quality of teaching management personnel. This is the work we must pay close attention to. The teaching management personnel of art colleges and universities must also adapt to the new requirements of current education and teaching management in colleges and universities, and strive to improve the quality and ability of individuals, so as to make due contributions to the development of teaching in colleges and universities.

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