

Research on the Quality Evaluation System of Postgraduate Education under the Background of the Internet

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Abstract: Through a systematic review of domestic and foreign research on the quality of postgraduate education, this study defines and sorts out the relevant concepts and theories of postgraduate education quality, postgraduate education quality evaluation, and postgraduate education quality assurance. And put forward the strategy to improve the quality of postgraduate education in my country. Using big data technology to monitor education quality data, based on this analysis the main factors affecting the evaluation of postgraduate education quality under the background of "Internet +". Further use the analytic hierarchy process to build a postgraduate education quality evaluation index system, and determine the weight of each index, and through the analysis of the data results, put forward an effective path to improve the quality of postgraduate education in my country.

Keywords: Sports Health, Management Information Platform, School-Enterprise Collaboration

1. INTRODUCTION

Deepening the comprehensive reform in the field of education is a new requirement for education reform put forward in the report of the 18th National Congress of the Communist Party of China. To effectively implement my country's requirements and arrangements for deepening comprehensive reforms in the field of education, the Ministry of Education pointed out that it is necessary to fully understand the urgency of deepening comprehensive reforms in the field of education and focus on the key points of reform. Educational quality evaluation is an important orientation of educational reform and a key link in comprehensive educational reform. Colleges and universities around the world are constantly implementing educational curriculum reforms, and at the same time actively exploring the field of postgraduate education quality evaluation and have made initial progress. However, the status quo of education evaluation has not been fundamentally reversed. It is still based on students' academic performance and lacks a national and unified comprehensive evaluation standard and platform for education quality. Bie Dunrong et al. (2016) believed that my country's postgraduate education development needs are constantly increasing.

Therefore, it is necessary to analyze the factors affecting the quality of postgraduate education from multiple perspectives. As an active party, the school needs to formulate reasonable and effective training methods, build a scientific curriculum system, and form an excellent tutor team to promote the construction of education quality and deliver high-quality education to the society. horizontal talent. From the perspective of the development trend of higher education in various countries in the world, vigorously developing higher education has become a common practice in all countries in the world. In view of this, it has become an important part of my country's postgraduate education in the new era to actively seek to build a quality evaluation system for postgraduate education in my country under the background of popularization to ensure the steady improvement of postgraduate education quality. Continuously improve the quality of postgraduate education, improve the independent innovation capabilities of colleges and universities, strengthen

the combination of production, education, and research, and cultivate more and more high-quality talents. Relevant government departments need to regulate and supervise colleges and universities and participate in the quality evaluation of postgraduate education. The transformation of government functions needs to change from the previous "doing evaluation" to "managing evaluation", and use the method of improving laws, regulations, and policies to promote the continuous standardization of postgraduate education quality evaluation.

The impact of the government on the quality of postgraduate education is mainly reflected in three aspects: policies and regulations, planning guidance from relevant departments, and certain financial allocations. The government regulates and supervises colleges and universities and participates in the quality evaluation of postgraduate education. The impact of the government on the quality of postgraduate education is mainly reflected in three aspects: policies and regulations, planning guidance from relevant departments, and certain financial allocations. The continuous expansion of the scale of postgraduate enrollment not only brings new opportunities for the development of postgraduate education in my country, but also brings major challenges to the development of postgraduate education in my country. Although the continuous expansion of graduate enrollment has ensured the number of students in each graduate training unit, it has also brought about a decline in the quality of students. Especially in recent years, with the gradual increase in employment pressure, many college students take the postgraduate entrance examination as an important way to increase employment capital, and even use the entire university stage for review preparation for the postgraduate entrance examination.

Systematic principles must be followed when selecting the structure and levels of indicators, which require the harmonious response of the whole and the parts and can reflect the development of the quality of postgraduate education more systematically and specifically. The postgraduate education quality platform based on big data will involve various fields of government and university work, so

it needs systematic planning and construction of education quality management with national and provincial governments as data centers and regions, cities, counties and universities as data branches the platform enables education departments and units at all levels to conduct daily teaching management through the education quality management platform, forming a benign education quality management system from top to bottom, and continuously adding value from the data platform. The important influence of society on the quality of postgraduate education It is mainly reflected in two aspects: social evaluation and social demand.

2. THE PROPOSED METHODOLOGY

2.1 Influencing factors of postgraduate education quality evaluation in the context of "Internet +"

To change the randomness of the evaluation of postgraduate education in the past, scientific evaluation and reasonable appeals should be made according to the needs of social development, and social evaluation should be transformed into specialization and standardization. However, with the continuous development of society, especially with the coming of the era of popularization of higher education, the original postgraduate education quality evaluation system in my country is increasingly lacking in integrity in many aspects such as the organization, implementation, and processing of evaluation results. At the same time, it also obviously lags the development status of postgraduate education in my country in terms of rationality of structure, accuracy and measurability of content, and keeping pace with the times of evaluation standards. Tutor factors include the tutor's age and professional title, tutor's education background, teacher-student ratio, tutor's academic level, work attitude and sense of responsibility, and teacher-student relationship.

School factors include the scientific of teaching management mechanism, subject quality, per capita experimental equipment, per capita books, and subject funding. Social factor indicators include the employment rate within three months of graduation, the three-year weighted average salary of graduates, and employer satisfaction. Through the analysis of the above research results, it can be concluded that the postgraduate factors account for the largest weight in the postgraduate education quality evaluation system, and the dissertations account for the largest weight in the postgraduate influencing factors. In the process of graduate education, more attention should be paid to the learning and development of graduate students, allowing students to "voice" in the evaluation of education quality, and evaluating from the perspective of students will help improve the quality of graduate education. Since the evaluation itself has a strong orientation, the construction of my country's postgraduate education quality evaluation system under the background of popularization should first reflect the direction of my country's socialist school-running and the direction of higher education reform and development. At present, the training goal of postgraduate education in my country is: "senior professionals with comprehensive development of morality, intelligence and physique, and innovative spirit and practical ability". At the same time, it is necessary to combine the actual national conditions of our country to avoid the wrong tendency of emphasizing talent and despising morality.

This study uses SPSS20.0 software to analyze the reliability results and uses the corresponding Cronbach's coefficient α to measure the degree of consistency between indicators. When Cronbach's coefficient $\alpha > 0.7$. A score of 7 indicates that the

reliability of the scale is very good. When performing internal consistency analysis, if the correlation values between indicators are low or even negative, you need to consider deleting the corresponding indicators. The internal consistency of each index in the index system of this study, $\alpha > 0.7$. Therefore, the postgraduate education quality evaluation index is acceptable.

2.2 Strategies to improve the quality of postgraduate education in the context of "Internet +"

Establish a normalized mechanism for monitoring the quality status of colleges and universities, let them take the initiative to evaluate, promote construction through evaluation, and build a quality assurance system for colleges and universities, so that the work of educational quality evaluation runs through the entire teaching process, and it is further institutionalized, long-term, and standardized. Change the previous evaluation method of focusing on results and ignoring the process and focus on the dynamic process of postgraduate education. Postgraduate education is a systematic project involving many factors. Therefore, in the process of evaluating the quality of postgraduate education, it is necessary to reflect the essential characteristics of the evaluated object, maintain the integrity of the evaluated object itself, and accurately reflect the goals achieved.

In view of the fact that talent cultivation is influenced by both objective, material, and quantifiable factors, and is also restricted by subjective, soft, cultural, and vague factors, the construction of my country's postgraduate education quality evaluation system under the background of popularization requires both considering the whole process of postgraduate training under the background of popularization, including classroom teaching, training conditions, scientific research ability and dissertation, etc., it is also necessary to highlight the key links in the education process under the background of popularization, such as enrollment and degree conferring, so as to give full play to the postgraduate education. The overall coordination and system optimization function of the education quality evaluation system. Scientific research is an innovative activity that discovers and forms new knowledge and new technologies. Therefore, it is necessary to improve the quality of graduate education and cultivate the innovative ability of graduate students.

Therefore, this study chooses the quality of scientific research projects and the status of participating in scientific research activities to measure the quality of postgraduate education. Specifically, it includes the number of scientific research projects participated in per capita, the status of scientific research ability training and the number of academic discussion meetings per capita. The indicators of foreign language proficiency are mainly the scores of CET-4 and CET-6, and the scores of IELTS and TOEFL. The Internet, media, professional social evaluation intermediaries, etc. play the role of communication bridges between universities, the government, and society through public opinion, and supervise the quality of postgraduate education. Therefore, public opinion supervision needs to change from the randomness of previous evaluations to scientific evaluations based on the needs of social development, that is, to develop from random evaluations to professional and standardized evaluations. The structural composition of students has also changed, such as age composition, source of students and other factors are more complex than before.

Facing the advent of the era of popularization of higher education, how to ensure and improve the quality of graduate student sources while expanding the enrollment scale, to lay a good foundation for subsequent training, will be the goal of building a quality evaluation system for graduate students in my country under the background of popularization. Social intermediaries have only participated in the quality evaluation of postgraduate education for more than ten years and have not yet played their main role. However, the influence of public opinion in social reality is increasing, and it has become an important aspect to promote the process of the rule of law, and further standardization and specialization are urgently needed. Give full play to the representative role of social justice in the supervision of public opinion, and promote the harmony, high quality, and efficiency of the postgraduate education quality evaluation model. Therefore, public opinion supervision needs to be forwarded from random evaluations in the past to scientific evaluations based on the needs of social development, that is, to develop from random evaluations to professional evaluations.

3. CONCLUSION

This paper uses big data technology to analyze the influencing factors of postgraduate education quality in the context of "Internet +", follows the scientific and feasible principles of index system design, and constructs a set of scientific and feasible postgraduate education quality evaluation system. The weights in the evaluation system are compared and analyzed, and effective conclusions are drawn. On this basis, some suggestions for improving the quality of graduate students are put forward. In the case of limited postgraduate education resources, especially tutor resources, the quality of postgraduate dissertations has declined to varying degrees. Therefore, establishing a scientific and effective dissertation evaluation system and effectively improving the quality of graduate dissertations will be an important mission of my country's postgraduate education quality evaluation system under the background of popularization.

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