Innovation and Practice of Academic Registration Management Services in the Reform of Postgraduate Education in the New Era

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Abstract: With the deepening of the reform of postgraduate education in the new era, the management of postgraduate student registration has been given a new mission and requirements. With the core objective of improving the quality of talent cultivation, this paper conducts comprehensive research on the current situation of postgraduate student registration in sample colleges and universities through questionnaires, in-depth interviews, and data analysis. It has been found that the academic registration management service needs to be improved in terms of information updating, service process, and communication efficiency. These issues, when left unaddressed, directly affect the academic progress and satisfaction of graduate students, weakening the effectiveness of talent cultivation. In response to these problems, the research team proposes a new model of registration management service that emphasizes "full participation, full coverage, and comprehensive cooperation." By continuously optimizing the service process, building an open and transparent information-sharing platform, and strengthening interaction and communication with students, the team ensures that the management service can respond to students' needs promptly and accurately. This creates a more accommodating and harmonious learning environment for postgraduates, reassuring the audience of the model's effectiveness. A multi-dimensional evaluation system for the effectiveness of graduate enrolment services is constructed from employment support, academic support, excellence, fairness and equity, and responsibility awareness. It is used to assess the contribution of enrolment management services to graduate talent cultivation, instilling confidence in the audience about the robustness of the evaluation system. In conclusion, this research highlights the importance of addressing the issues in academic registration management services to improve the quality of talent cultivation in postgraduate education.

Keywords: Academic Registration Management; Service Quality; Excellence in Success; Postgraduate Education; Cultivation Effectiveness

1. Introduction

With the deepening of graduate education reform in the new era, the innovation and practice of academic registry management services have become the key to improving the quality of education. In February 2017, the Ministry of Education issued new regulations for college and university students. These rules cover checking if new students are eligible to enroll, setting conditions for students to change majors or transfer schools, promoting academic integrity, managing students' learning achievements, and handling educational degrees and certificates [1]. In the same year, the state proposed that adhering to the education mechanism of " whole-person, whole-process, and all-round education " is an important educational strategy to strengthen and improve the comprehensive development of young people [2-5]. In 2020, the Ministry of Education also issued Opinions on Accelerating the Reform and Development of Postgraduate Education in the New Era and Several Opinions on Further Strictly Regulating the Quality Management of Undergraduate and Postgraduate Education, which stressed the importance of building academic style, took strict measures against academic misconduct, and strengthened the quality supervision system. In particular, it pointed out that postgraduate students who are unsuitable to continue their studies should be

separated and withdrawn according to the cultivation program and that careful separation and withdrawal services should be provided [6]. On 19 November of the same year, China Education News published an article entitled "How to Strengthen the Process Management of Postgraduate Cultivation", proposing that there should be rules and regulations for the withdrawal of overdue postgraduate students, stressing that strict control requires generous love, and strengthening the process of management to improve the quality of cultivation [7].

In the face of these new regulations and guidelines, the importance of postgraduate enrolment management is becoming more prominent, and the requirements are becoming more stringent. For postgraduate training units, this is not just a new challenge but also a rare opportunity for development. It not only plays a crucial role in promoting the cultivation of outstanding talents but also provides a chance to explore new mechanisms and implementation programs for postgraduate enrolment management services. This dynamic situation should pique the interest of our academic community, as it presents a unique chance for growth and innovation. Guided by the concept of "Three-Whole Parenting," the research group has systematically sorted out typical cases in the management of postgraduate student registration in the sample schools to find the right balance in management, inject humanistic care into implementation, and jointly promote the process of excellence in talent cultivation.

2. Status of Research

The research group combed and summarized the relevant research literature on "graduate enrolment management, "searched the relevant academic papers from China Knowledge and Web of Science databases, etc., and found relatively small research literature on graduate enrolment management at home and abroad. First, the research group searched 72 academic papers on China Knowledge Network using the keyword "graduate student registration." Of these, 24 were published within the last ten years. Using the keywords 'postgraduate' and 'school roll,' the group found limited research papers on postgraduate registration management worldwide. Using the keyword "school roll," the group found only 12

academic papers from the Web of Science. The above research mainly focuses on the rule of law, system optimization and professional team building, business thinking, case studies in managing postgraduate student registration, and the application of information technology. Second, the research group searched 1106 academic papers from China Knowledge Network with the keyword "quality of graduate students," of which 172 papers were published in the past five years. The data show that domestic scholars have achieved rich research results in quality improvement, quality monitoring, quality evaluation, and quality assurance of graduate students. Finally, the research group found that only two relevant papers could be retrieved from China Knowledge Network when the keywords "quality of graduate students" and "student registration" were set simultaneously. These two papers mainly discussed the quality assurance system of postgraduate students in colleges and universities and the critical role of student registration management in the quality assurance system of postgraduate education.

Domestic scholars around the postgraduate streaming withdrawal, legal support, school registration cases, school registration files, management systems, and other aspects of postgraduate student registration management research. For example, domestic scholar Miao [8] states that the current postgraduate student registration overdue withdrawal exists in the source of power, the legal basis, the legal nature of legitimate implementation, and whether or not it is justifiable. For this reason, he puts forward postgraduate students' overdue withdrawal from the normative path. It proposes standardizing the dismissal of postgraduate students who are in arrears. This includes changing the substantive legality based on the principle of legal reservation. It also involves strengthening formal reasonableness based on the principle of due process. It also aims to promote the balance of rights and interests based on the modernization of educational governance. Scholars Jiang and Li [9] point out numerous problems in the processing of student enrolment. These include vague substantive standards, a lack of procedural details, and unclear responsibilities and rights. They also mention a weak sense of the rule of law and an incomplete system of

supervision and guarantees. Due to these problems, applying the "Regulations on the Administration of Students in General Colleges and Universities" faces many difficulties and challenges. These challenges in processing student enrolment in colleges and universities are unprecedented. Scholar Lv [10] analyses the current situation and issues of graduate student diversion and withdrawal from the perspective of academic registration management and puts forward the importance of strengthening and improving the mechanism of graduate student diversion and withdrawal, taking into account the case of exploring and practicing graduate student diversion and withdrawal in Zhejiang University. Scholar Liang [11] analyses the characteristics of graduate students' academic records from the perspective of graduate students' academic qualifications. It explains how to promote the formation of academic records with the help of the electronic registration system to improve the standardization of academic documents. Scholar Xia [12], through the construction of postgraduate academic misconduct applicable to the due process system for the decision of expulsion, can make higher education institutions' disciplinary misconduct of postgraduate students strictly adhere to due process to protect the legitimate rights of postgraduate students. Scholar Pan [13] believes that managing student registration is essential to student education and management as it relates to the school's teaching order and quality. Combined with the reform of the school registration of Guangxi Art Institute, he puts forward opinions and suggestions on how to improve the level and effectiveness of the management of postgraduate student registration in comprehensive art colleges under the new situation. Fu [14] cited some cases of "graduate students vs. alma mater" from China Referee Instruments Network and Beida Faber Case Search website, through case analysis, strengthen the construction of the rule of law on campus to help colleges and universities prevent the corresponding legal risks. Among them, administrative litigation disputes between postgraduate students and universities mainly focus on disputes over awarding degrees and student enrollment management. In academic record management disputes, the expulsion and withdrawal of

postgraduate students who have violated school rules and regulations are often misapplied legal norms or procedural violations of the University's decision. Li et al. [15] independently developed a new generation of graduate school information systems based on the open-source framework AngularJS and Spring Boot. The new system solves the problems of platform inconsistency of the existing four significant subsystems of enrollment, registration, cultivation, and graduation, meets the new business requirements of registration, improves the system performance, and improves the system's usability.

Meanwhile, some scholars have conducted research on graduate quality management around the perspectives of graduate quality improvement, quality governance, mental health, and educational scale; for example, scholars Xiao and Li [16] believe that the internal quality governance of graduate education is an integral part of the quality governance of graduate education. Based on social action theory, they constructed an action model of graduate education's internal quality governance, consisting of a four-dimensional mutual construction of quality governance goals, quality governance power, quality governance guarantee, and quality governance culture. Zhao and Guo [17] believe that improving the graduate mind governance system is conducive to alleviating graduate mental health problems and significantly improves graduate education quality. At the same time, they put forward the following suggestions for establishing a multi-participation mind governance system for graduate education: The state should introduce policies to guide colleges and universities in completing graduate mental health education. Colleges and universities should fully play the coordinating role of the graduate school dean. Teachers should consciously take the primary responsibility for graduate mental health education. Graduate students should play the leading role in mind governance. Li and Li [18] believe that the quality supervision of postgraduate education should focus on quality improvement, establish a risk-based and consultative quality supervision model, build a supportive management system for postgraduate education in colleges and universities, and

strengthen the quality discourse and action autonomy of grassroots postgraduate education units. Cai and Yan [19] used the panel data of 30 provinces and cities from 2003 to 2020 to construct a threshold model to analyze the impact of the scale of postgraduate education and the quality of education on economic development, with the scale of postgraduate education and the quality of education as the threshold variables. The study shows that the country needs to expand the scale of postgraduate education, improve the quality of postgraduate education, and strengthen the flow of doctoral talents among regions to play the role of postgraduate education in promoting economic development.

The above scholars have conducted in-depth research on postgraduate quality and postgraduate enrolment management and achieved some excellent research results. However, few academic studies have combined quality improvement and enrolment management in graduate talent cultivation, mainly discussing the factors influencing and effectiveness of graduate enrolment management services for talent cultivation. This research group takes the cases of academic enrolment management and talent cultivation experience of the sample schools over the years as the starting point of research. It adopts a case-by-case approach to illustrate the relationship between the two.

3. Exploring Innovation in School Enrolment Management Services under the Concept of Three-pronged Parenting

With the implementation of the national policy on postgraduate education, postgraduate enrolment management, and talent cultivation, colleges and universities face development opportunities and challenges. The policy requires the standardization and unification of academic enrolment management services to promote the development of educational research. This paper takes the concept of "three-pronged education" as the lead. It discusses optimizing the management processes, improving policies and regulations, and promoting information technology to improve the quality and efficiency of postgraduate student registration management. It also explores its potential and value in enhancing the effectiveness of education. The Group adheres to the core of cultivation quality, combines enrolment management and talent cultivation, and explores the innovative path of postgraduate enrolment management services in the new era.

3.1 Building a New Mechanism for Graduate Student Registration Management

Postgraduate enrolment management is not only the essential work of regulating students' identity and maintaining educational order but also an essential way of promoting educational innovation and achieving the goals of talent cultivation. By optimizing the management process, improving policies and regulations, and strengthening information construction, academic registration management's scientific, standardized, and service-oriented nature can be effectively enhanced, creating a more efficient learning environment for postgraduate students. At the same time, it will also help stimulate the innovative spirit and academic potential of postgraduate students and cultivate more high-quality innovative talents.

Under the background of the reform of postgraduate education in the new era, the theory of "Three Whole Parents" provides a brand new guiding ideology for the management and service of postgraduate student registration. The new postgraduate student registration management mechanism is based on the basic principles of full participation, full process coverage, and all-around cooperation. It is committed to improving the service level and promoting the overall improvement of the quality of postgraduate education.

First, full participation is the core of the new mechanism, from enrolment to graduation, from classroom to practice, from teaching to scientific research, and from daily life to life, to ensure that managers and teachers in every link can provide effective management and services for graduate students so that there are good teachers everywhere and helpful friends in every circle. Second, whole-process management is crucial to the new mechanism, which overcomes the limitations of traditional academic enrollment management services. It takes dynamic management as the core and involves dynamic enrollment management of academics throughout the entire graduate journey - from enrollment to graduation. It

strictly checks the entrance, leaves traces in the process management, and guarantees the quality of the exit so that the management has a yardstick and the implementation has a temperature. Finally, all-around cooperation guarantees the new mechanism, which uses a variety of ways, requires multi-departmental collaboration, and realizes wide-channel cooperation to achieve a platform for management, a path for improvement, an efficient service, and results in educating people. The above initiatives can improve the level of registration management services but also help to enhance graduate students' sense of identification with the university, form an internal driving cycle of educational achievement, and provide a strong impetus for the sustainable development of talent cultivation.

3.2 Analysis of the Impact of the New Mechanism on Talent Cultivation

Under the guidance of the theory of "three-pronged education," the new registration management service for postgraduate student mechanism has three pillars: full participation, complete penetration, and all-around cooperation. It helps students eliminate academic difficulties by actively answering postgraduate students' questions, optimizing business processes, and studying policies and regulations to create a good environment for talent cultivation.

Firstly, the concept of full participation in supervision breaks through the limitations of traditional academic management services and elevates it to the joint responsibility of all university departments and all teachers and staff. Strengthening cooperation and communication with supervisors gives full play to the role of supervisors in academic registration management, pays more attention to their humanistic care and academic guidance of postgraduates, and provides postgraduates with career development advice. It will expand the scope and depth of postgraduate enrolment management services and help create a good atmosphere for the education of the whole person.

Second, the concept of nurturing people through the whole process carries the management and service of graduate student registration through the entire learning process of graduate students. From admission to

graduation, from classroom learning to practical activities, from cultivating scientific research ability to comprehensive quality improvement, there are corresponding management and service mechanisms and measures. Students' individuality is more pronounced at the postgraduate stage, and their learning mode is more flexible. In contrast, academic registration management, as an essential part of student management, plays an irreplaceable role in maintaining teaching order, safeguarding students' learning rights and interests, and promoting talent cultivation. Therefore, the registration management of postgraduate students needs to be more systematic and refined to improve the learning effect and overall quality of postgraduate students.

Finally, all-around collaborative education improves the management service of postgraduate students' academic registration through collaborative cooperation between various university departments. Strengthening the construction of information technology, with the help of digital technology, means establishing a system for student information management and real-time updating and sharing of information. Through the system's early warning function, potential problems can be found and dealt with in time, which improves the efficiency of graduate student registration management services and is conducive to forming an excellent nurturing environment.

4. Multidimensional Analysis of the Effectiveness of Postgraduate Student Registration Services

In a multidimensional analysis of the effectiveness of postgraduate enrolment services, this paper focuses on a local applied university with nearly 30 years of experience in postgraduate education. The sample school has cumulatively trained more than 10,000 postgraduate students and sent many talents to various industries. As the backbone of education, the university provides postgraduate students with individualized training programs and development platforms. It provides the necessary humanistic care and psychological guidance when encountering challenges and difficulties, enhancing the students' sense of belonging and identity. The research team proposed a multidimensional

evaluation system for the effectiveness of postgraduate enrolment services by analyzing the case studies of postgraduate enrolment in the sample schools. The system evaluates the effectiveness of graduate student registration services from the dimensions of helping students find employment, focusing on academic support, promoting excellence, ensuring fairness and justice, and strengthening the sense of responsibility to ensure that registration services can genuinely play their proper roles and provide a strong guarantee for students' growth and development.

4.1 Dimension of Assistance in Employment and Job-seeking

The first is to support employment and job search, to provide postgraduates with career facilitation in terms of academic registration, and to help them enter the workplace smoothly. Before 2022, the sample schools strictly followed the Ministry of Education's Decree 41 requirements and took a cautious attitude toward reviewing graduate students' major change. In the spring semester of 2022, the Graduate School received requests from the master's students of Electronic Information

and Energy and Power to adjust the names of their majors to more clearly reflect the characteristics of the majors and facilitate their employment. After communicating with the higher authorities and learning from the experiences of other universities, the Graduate School and the relevant colleges organized six consultation meetings to gather a wide range of student opinions. Based on the votes of 569 Masters Students, the Graduate School formulated a plan for the implementation of the courses: two courses retained the original job titles, and the remaining ten courses were adjusted according to the students' wishes to make the job titles more specific, as shown in Table 1. Subsequently, the Graduate School submitted the application documents to the higher departments. It simplified the process of changing the students' registration by using the new professional code of the Ministry of Education's Academic Credit Network after registering the latest students in the class of 2022. In 2023, the school continued to process the adaptation requests of graduate students in some professional fields of Machinery, Civil Engineering and Water Conservancy, involving 180 people.

Table 1. Distribution of Class Intentions

Professional Category	Admission Year	Willingness of classes to adjust to the name of the area of specialization	
		Accept	Disagree
Electronic Information	2020	Telecom Dentsu [specialized] 20, Telecom Collector [specialized] 20, Telecom Meter [specialized] 20, Telecom Soft [specialized] 20	Telecommunications control [specialized] 20
	2021	Telecom Dentsu [specialized] 21, Telecom Collector [specialized] 21, Telecom Meter [specialized] 21, Telecom Soft [specialized] 21	Telecommunications control [specialized] 21
Energy Power	2020	Energy Electricity [specialized] 20	-
	2021	Energy and Electricity [specialized] 21	-
Mechanics	2020	Mechanical [specialized] 20	Industrial Design [specialized] 20
	2021	Mechanical [specialized] 21	Industrial Design [specialized] 20
Civil Engineering and Water Conservancy	2020	Civil [specialized] 20	-
	2021	Civil [specialized] 21	-

Through the above innovative initiatives, the sample school has successfully helped 655 postgraduate students to change their professional category names to more targeted professional field names, which accounts for about 20 percent of the total number of doctoral students enrolled in the current year.

This initiative reflects the University's determination and strength in the innovation of academic management services and demonstrates the University's attitude of sincerely helping students solve practical problems. Among these transfer students, 316 have successfully graduated and entered the

workforce in 2023. Their employment situation shows that 2.53 percent chose to continue their studies and get a Ph.D., 52.85 percent joined state-owned enterprises, 13.61 percent took jobs in institutions, 3.16 percent served government agencies, 26.58 percent worked in other enterprises, the remaining 1.27 percent chose the path of freelance work. Notably, the employment quality of these postgraduates is generally higher than the average level of employment of postgraduates from other disciplines who graduated during the same period. At the same time, the employment of the school's graduates as a whole showed a similar distribution:

5.05 percent chose to continue their studies for a doctorate.

41.52 percent joined state-owned enterprises.

14.57 percent took up jobs in institutions.

7.05 percent worked in government agencies.

28.95 percent worked in other enterprises.

2.86 percent chose the path of freelance work.

These data reflect the University's effectiveness in innovating academic management services and show the University's efforts and achievements in promoting the all-round development of postgraduates and enhancing their competitiveness in the employment market. Through these innovative practices, the University provides graduate students with more personalized and precise career development support, helping them to move smoothly from campus to society and realize their career dreams.

4.2 Dimension of Focus on Academic Support

The second is to focus on academic support and build a service system to support the academic development of postgraduate students. Through the establishment of the Academic Guidance Centre, one-on-one academic guidance and tutoring services are provided to doctoral students. In addition, academic lectures and seminars are held regularly to encourage postgraduate students to participate in academic exchanges and broaden their knowledge horizons. The University also pays special attention to students experiencing difficulties in their studies. It helps them overcome challenges and complete their studies by establishing an academic alert mechanism and providing individual counseling. Since 2016, the sample school has implemented the postgraduate academic reminder business to provide one-on-one attention and assistance to postgraduate students who have been deferred, resumed their studies and downgraded, demobilized, and returned to school and downgraded. Through an in-depth understanding of the student's situation, personalized support programs are formulated to solve learning problems and confusion and to promote smooth graduation. For graduates with entrepreneurial intentions or difficulties in continuing their studies, the Graduate School will help them find the best development path in light of their academic situation. In assisting students, the Graduate School works closely with tutors to pay attention to students' academic progress, focus on cultivating students' independent learning ability and interest, and teach them effective study methods. The effectiveness of professional support has been remarkable, and many students have overcome their academic difficulties and achieved academic and psychological growth, laying a solid foundation for their future development, as shown in Figure 1 and 2.
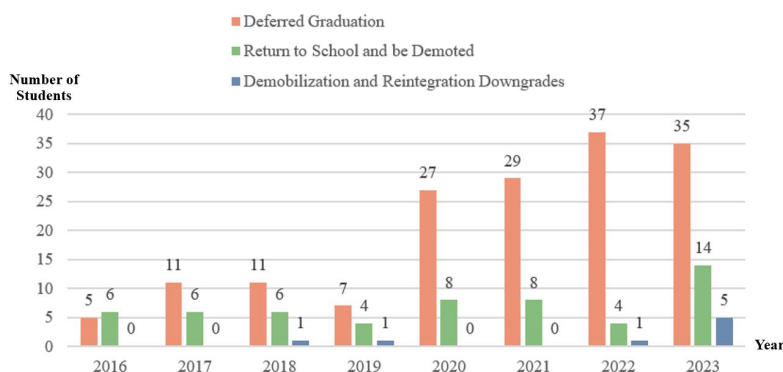
Figure 1. Distribution of Recipients of Academic Reminders for Postgraduate Students

Academic Status of Reminders

	2016	2017	2018	2019	2020	2021	2022	2023
Graduated from School	3	5	8	9	23	25	32	33
Completed and Left School	0	5	6	2	7	9	6	2
Automatic Withdrawal from School	8	7	4	1	5	3	2	2
Study in School Now	0	0	0	0	0	0	2	17
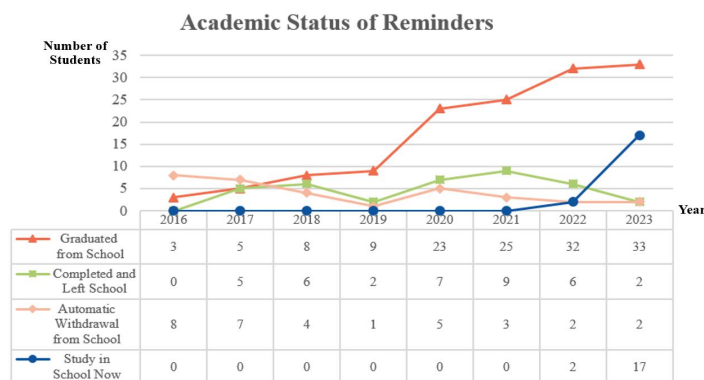
Figure 2. Academic Status of Recipients of Academic Reminders for Postgraduate Students

4.3 Dimension of Promoting Academic Success

It also promotes excellence, encourages postgraduates to pursue further studies, and helps them fly using academic identity authentication. This case discusses the practice and innovation of academic authentication in postgraduate education from the perspective of postgraduate study abroad, doctoral examination, and the issuance of academic record certificates for withdrawal and re-enrolment. The certification of academic qualifications is of great importance in ensuring the quality of postgraduate education and promoting the academic success of postgraduate students. This case discusses the practice and innovation of academic qualification certification from the perspective of postgraduate students' study abroad, qualification examination for the doctoral degree, and application for re-examination after withdrawal. The model school provides authoritative and efficient academic record and qualification authentication services through cooperation with international education accreditation agencies to ensure that postgraduate students' study abroad experience is widely recognized. For the certification of academic records and qualifications in the doctoral examination process, the model

school has established a perfect system to provide fast and accurate certification services for postgraduates, helping them pass the qualification examination smoothly and move on to a higher level of academic pursuit. For postgraduate students who have withdrawn and retaken the examination, the sample schools provide humanized academic qualification certification services while respecting students' choices, helping them to re-plan their academic paths, obtain fair and objective academic qualification evaluations, and reduce the adverse effects, with specific data shown in Figure 3. Over the past six years, 291 postgraduates have gone on to study further. Of these, 34, or about 11.68 percent, went abroad to continue their studies, while the others chose to continue their doctoral studies at domestic universities. The University is committed to developing postgraduate students' innovative and practical skills. To stimulate their academic interest and creative spirit, several research and innovation funds have been established to support their participation in research projects and innovation competitions. Meanwhile, the University cooperates with enterprises to provide internship and practice opportunities for postgraduates, helping them exercise their skills and gain experience in real work.
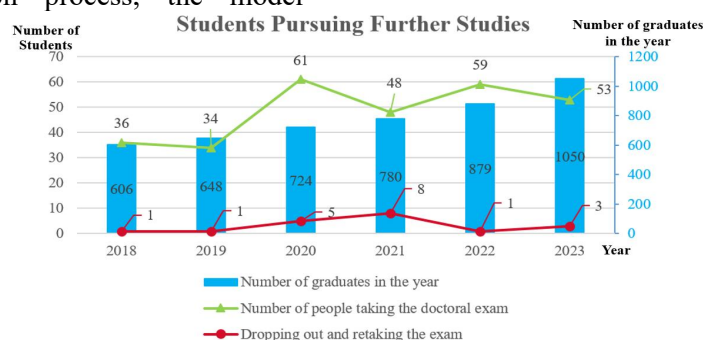
Students Pursuing Further Studies

Figure 3. Master's Degree Students Pursuing Further Studies

4.4 Dimension of Ensuring Fairness and Justice

Ensure fairness and justice so that every postgraduate student can learn and grow in an equal environment. The University adheres to the principles of fairness and impartiality in its academic management services and formulates detailed academic management regulations to ensure that all postgraduate students can develop healthily. The application of portrait matching technology in student registration management is essential in ensuring educational fairness, improving management efficiency, and protecting students' rights and interests. By the requirements of Decree No. 41 of the Ministry of Education, the university has conducted postgraduate qualification verification in the admission and graduation process to prevent cheating and obtaining degrees by improper means, ensure the authenticity of students' identities, and prevent fraudulent behavior such as impersonation. The specific data is shown in Table 2. The data shows that of the nearly 10,000 postgraduates educated at the sample school, only 46 had to undergo personal identity verification. This data highlights the rigor of the school's academic records management and indirectly demonstrates the standardization and fairness of the school's postgraduate admissions and qualification verification process. The schools in the sample came to the preliminary conclusion that these graduates were all the same person through file reviews, including comparing student photographs and information from different periods, and no objections were raised. In addition, this statistic shows that the sample schools also do an excellent job of preventing the phenomenon of impersonation. The application of technology has made academic registration management more transparent so that students and teachers can clearly understand the relevant processes and results. In addition, the use of technology can ensure the timely updating and synchronization of school enrolment information. Moreover, it improves student satisfaction and trust in the school. In addition, an Academic Status Complaints Procedure has been established to safeguard the legitimate rights and interests of postgraduate students and to resolve disputes and problems in the management of academic status promptly.

Table 2. Distribution of Portrait Matching Data for Postgraduate Students

Detection Objects	Range of Years Tested	Number of Persons Qualified at First Instance	Student status requires a school self-check review		
			Number of Reviews	The Results of the Preliminary Examination	Conclusion of the School Review
Recent graduate	Between 2020 and 2023 years	3415	18	The system is not comparable	Same person, no doubt.
Former graduate	Between 2002 and 2019 years	6298	28	The system is not comparable	Same person, no doubt.

4.5 Dimension of the Strengthening of the Sense of Responsibility

Strengthening the sense of responsibility and cultivating postgraduates' social responsibility and professional conduct. The University requires postgraduate students to participate in postgraduate off-campus practice bases because the development of postgraduate classification requires [20] to train postgraduate students with professional degrees and postgraduate students with academic degrees differently to ensure the quality of talent cultivation. The University has established a training attendance and leave cancellation system through the information platform when postgraduates participate in off-campus practice, which is used to cultivate postgraduates' discipline and improve learning efficiency and professional ethics. The University has selected seven university-level demonstration bases as pilot units from 185 off-campus practice bases that have been registered, and some results have been achieved, as shown in Table 3. Through the information platform, teachers and students can quickly check their attendance records and leave of absence, which increases the transparency of management, ensures that all postgraduate students receive education under the same conditions, and promotes the fairness of education. Postgraduate students also regulate their words and actions more and take responsibility for their behavior, enhancing

their sense of responsibility and self-restraint. In addition, the University also encourages postgraduates to participate in voluntary service and social practice activities to improve their understanding of social service. At the same time, the University guides postgraduates to form correct values through various educational activities and cultivates them to become responsible social citizens.

Through the above-mentioned multidimensional innovation and practice, the postgraduate enrolment management services

of the sample schools have achieved remarkable results. Graduate students' employment rate, academic performance, and research ability have been significantly improved, and students' satisfaction and sense of belonging have been enhanced. These results show that the innovation of academic registration management services in the reform of graduate education in the new era is of great significance in improving the quality of graduate education and promoting the overall development of graduate students.

Table 3. Distribution of the Effectiveness of Base Personnel Training

Type of Base	Number of Demonstration Sites	Applied Results Achieved During the Cooperation			Cultivation of Human Resources		
		Patents, New Technologies, Etc.	Standardizations, Revisions, Etc.	Academic Paper	Master's Degree Program	Sending Graduates to Work Bases	Collaborating Mentors
Science and engineering as academic subjects	5	117	25	153	142	3	29
Humanities as academic subjects	1	0	0	9	26	6	5
Social sciences as academic subjects	1	0	0	9	11	0	1

5. Conclusions and Recommendations

In the context of the new era of postgraduate education reform, this paper explores the innovation and practice of registration management services for postgraduate students. It finds some problems through research and analysis and accordingly puts forward a series of improvement measures, including optimizing the service process, establishing an information-sharing platform, and constructing a new mode of registration management service with postgraduate students, which is "all-volunteer participation, full-coverage and comprehensive cooperation." management service new model. In addition, this paper also constructs a multidimensional evaluation system for the effectiveness of the postgraduate student registration service, which comprehensively evaluates the contribution of registration management service to postgraduate student talent cultivation from the perspective of employment assistance, academic support, excellence, fairness, and justice, and a sense of responsibility. We suggest that in the reform of postgraduate education, the University should

pay more attention to humanistic care, enhance doctoral students' understanding of identification with the University through the action of "sending charcoal in the snow," and stimulate the intrinsic motivation of educational achievement, to promote the sustainable growth of academic achievement. This paper explores the innovative path of postgraduate enrolment management services from a practical level and summarises the lessons learned, which provides a valuable reference for other universities and colleges. Through case studies, this paper further highlights the University's responsibility and commitment to reforming postgraduate education and the humanistic care and educational philosophy embodied in talent cultivation. These explorations and practices provide new ideas for the innovation of postgraduate enrolment management services and contribute to the in-depth development of postgraduate education reform in the new era.

References

[1] Xiaomei Meng, Wei Wang (2023). Research on the implementation mechanism of college student registration management policy. Journal of Modern Vocational Education 35: 137-140

[2] Yanyan Du, Xin Li (2020). Campus culture construction of colleges and universities based on "three full education". Journal of Donghua University of Science and Technology (Social Science Edition) 39(6): 575-577+581

[3] Lujuan Zhang (2021). Research on Embedded Information Literacy Education in College Libraries under the Concept of "Three-Whole Parenting". Journal of Henan Library Journal 41(5): 51-54

[4] Shengquan Hu (2023). Study on the Implementation Path of Annual Review and Dynamic Adjustment System of Graduate Student Supervisor Enrollment Qualification--Taking Shenzhen University as an Example. Journal of Higher Education Forum 4: 101-105

[5] Min Zhao (2023). Research on the Realization Path of Three-Whole Parenting in Higher Education Institutions. Journal of China Education Technology Equipment 13: 64-66

[6] Lin Guo (2021). Graduate Education for "Streaming and Exit": Explanation of connotation and path analysis. Journal of Graduate Education Research 5: 45-50

[7] Luwannong Dong (2020). How to strengthen the process management of postgraduate education. China Education Newspaper, no.4, 2020-11-19.

[8] Zhixin Miao (2023). "Five questions" and standardization of the path of overdue dismissal of graduate students. Journal of Graduate Education Research 4: 76-83

[9] He Jiang, Zefang Li (2021). The dilemma and response to the rule of law in the new period of postgraduate student registration processing. Journal of Degree and Postgraduate Education 8: 53-57

[10] Sisi Lv (2021). Exploration and practice of graduate students' diversion and withdrawal mechanism based on the perspective of academic registration management--Taking Zhejiang University as an example. Journal of Science and Education Literature and Communication (Late Edition) 25:11-13

[11] Shuang Liang (2020). Relies on the electronic registration system of academic qualifications to improve the management of academic qualifications files. Journal of University 14: 17-18

[12] Fan Xia (2019). On the due process of applying expulsion of graduate students for academic misconduct. Journal of Social Science Forum 2: 234-242

[13] Dongrong Pan (2020). Research on the reform and practice of graduate student registration management in art colleges and universities under the new situation. Journal of Jinguwenchuang 40:81-82

[14] Xianwei Fu (2022). Research on legal risks of universities in the management of postgraduate training--taking 80 referee documents as an example, Master's Degree. Shandong Normal University. https://10.27280/d.cnki.gsdsu.2022.000465.

[15] Yanbin Li, Yanhong Pan, Hang Gu, Lei Wang, Bing Shi, Chen Sun, Fan Xia, Qifan Dong, Shubin Song (2017). Design and implementation of the postgraduate student registration system. Journal of East China Normal University (Natural Science Edition) 5: 213-224

[16] Min Xiao, Weiwei Li (2024). Action model construction and operation mechanism of graduate education quality governance. Journal of Degree and Graduate Education 3: 39-47.

[17] Liying Zhao, ZhiCong Guo (2023). From performance management to mindful governance: path choice for quality assurance of graduate education. Journal of Degree and Graduate Education 12: 56-63

[18] Yonggang Li, HaiSheng Li (2023). A study on the operational logic and unintended effects of quality supervision of graduate education in China. Journal of China Higher Education Research 9: 72-79

[19] Wenbo Cai, Xiang Yan (2023). Contribution to economic development:

"Quality increase" or "quantity increase" of graduate education? --An empirical study based on the threshold model. Journal of Explorations in Higher Education 2:87-93

[20] Zhang Miao, Classified development of postgraduate education is equally important - Opinions of the Ministry of Education on the in-depth promotion of the classified development of academic degree and professional degree postgraduate education, China Youth Daily, 2023-12-25, DOI:10.38302/n.cnki.nzgqn.2023. 004513.