

Connotation, goal and path of high quality development of integrated higher education in Yangtze River Delta

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Abstract: *The integrated high-quality development of higher education in the Yangtze River Delta is to make use of regional advantages and optimize the allocation of innovation resources to create a high-level skilled talents training platform, industrial collaborative innovation talents, and technological innovation platform. This paper expounds the connotation of the integrated high-quality development of higher education in the Yangtze River Delta, further clarifies its development goals, and promotes the integrated high-quality development of higher education in the Yangtze River Delta through the construction of characteristic entrepreneurial universities and technology-based enterprises, the improvement of innovation resource sharing mechanism, the full play of the leading role of government institutions, and the improvement of governance effectiveness.*

Keywords: *Yangtze River Delta; Integrated development of higher education; High quality development; innovate*

1. Introduction

The integrated development model of higher education in the Yangtze River Delta is also known as the sub-regional cooperation development model. This talent training model is usually guided by the market mechanism and implements cross-regional cooperation by optimizing and integrating various high-quality resources by virtue of its own advantages. This model not only ushered in a good development opportunity in the process of development, but also put forward new requirements for it, so that it is facing a severe test, in order to achieve integrated development, it is necessary to clarify its development goal positioning, actively explore effective action paths, to cultivate high-end talents as the goal, to build high-quality talent training base.

2. The connotation of high quality development of integrated higher education in Yangtze River Delta

The integrated development of higher education in the Yangtze River Delta is a cutting-edge concept with multi-disciplinary integration and advancing with The Times, and its connotation is very rich, mainly reflected in:

First, it is the process of overall allocation of resources. In this process, the overall coordination of higher education resources in different levels, different subordinate relationships and different administrative regions is a key problem to be solved. Integrated development is to carry out higher education from the perspective of national development strategy, carry out personnel training, determine the development goals of colleges and universities, coordinate various educational resources to rationally arrange the structure of higher education, and realize the rise from the level of cooperation and complementarity to the level of integrated development by optimizing and integrating various educational resources in the region. Then it will rise again to the national strategic height of building a national higher education innovation and development demonstration zone.

Second, it is the process of comprehensively exploring the development standards and models of higher education. Based on the concept of regional integration, the integrated development of higher education in the Yangtze River Delta aims to break the adverse effects of traditional education, change backward educational concepts and personnel training models, remove all obstacles affecting school-enterprise cooperation, cross-regional cooperation, and the flow of teachers and students, and change the current bad situation in which high-quality educational resources are monopolized by

universities for a long time ^[1]. At the same time, it is necessary to build the monitoring and evaluation system of this model, and take the lead in establishing new evaluation standards to reflect the feasibility and effectiveness of evaluation, and provide guarantee for the realization of integrated development.

Third, it is a new talent training model that closely connects with regional industrial development. The focus of this talent training model is to innovate the talent training model, undertake the important mission of promoting the continuous development of policy and system integration, transportation integration, regional economic integration, and promoting the continuous improvement of the quality of higher education. In the process of innovative talent training mode, information technology is used to integrate diversified learning mode and global high-quality education resources, break the time limit and space barriers that hinder effective communication between teachers and students, and adopt cross-regional cooperation mode for practical training, so as to establish a pattern that regional industrial economic development layout is closely linked to regional talent training. We will fully implement a new model of personnel training that integrates production and education.

3. Yangtze River Delta higher education integration high-quality development goal

3.1 Regional higher education development active growth pole

The integrated development of the Yangtze River Delta needs to rely on institutional innovation and scientific and technological innovation to gain momentum. At the strategic development level, the Yangtze River Delta has taken the strong and active growth pole of national development as its development orientation. Standing at a new starting point, it should establish a new development concept, learn to rationally use new science and technology to carry out innovative development, and constantly build more new development fields. In the process of innovation, the most important core element is talents. Therefore, in the construction of the Yangtze River Delta Innovation Demonstration Zone, emphasis should be placed on the cultivation of innovative talents, and efforts should be made to cultivate new people who can adapt to and promote the development of the new era ^[2]. In particular, it is necessary to cultivate a large number of top-notch talents with independent innovation ability, and promote the development of the Yangtze River Delta towards a higher innovation point. In this context, the Yangtze River Delta should firmly seize the national strategic opportunity of integrated development, and by virtue of its own advantages and convenient conditions, start the first step of innovation, and create a dynamic growth pole for regional higher education development.

3.2 Regional higher education development sample area and demonstration area

As an important position for training high-end talents, the Yangtze River Delta should build a coordinated development pattern by strengthening the integration of production and education and enhancing the development impetus of scientific and technological innovation, and realize a series of innovative development, enhance the development impetus, improve the quality of change, give full play to the Yangtze River Delta's talent training advantages under the guidance of the state, and play a role in promoting reform in innovation and development. This will lay a solid foundation for promoting high-quality development in the region. The integrated development of higher education in the Yangtze River Delta not only provides a more high-end and broad platform for the cultivation of high-end talents, but also provides a broad stage for the integration of educational resources, the construction of a perfect talent allocation model, and the promotion of talent development. At the same time, in terms of policy and objective, it will also promote the development of the three provinces and one city, broaden the channels of talent flow, and realize the sharing, co-management and co-education of high-level talents in the Yangtze River Delta region. Due to the lack of a perfect integrated collaborative innovation system and mechanism, and the lack of smooth regional flow channels of innovation factors, it is necessary to strengthen cross-regional cooperation, explore more effective cooperation methods, establish and improve cooperation mechanisms, constantly integrate regional resources, and clarify their respective tasks and responsibilities in order to create a demonstration zone for the integrated development of higher education in the Yangtze River Delta. A new system with sound mechanisms, rich content and diversified forms will be formed. All these will promote the development of higher education in the Yangtze River Delta towards the direction of collaborative innovation, co-construction and sharing, and integrated design, and then form a characteristic sample area and demonstration area.

3.3 Regional higher education coordinated development comprehensive reform pilot zone

The integrated development model of higher education should not only be guided by correct policies, but also provide policy "dividends" through innovative institutional reform. Although it has taken the lead in building a new plateau of reform and opening up in the process of achieving high-quality development, there are still many problems that hinder its continued development, among which the obstacles of regional integration mechanism and the administrative barriers of provincial segmentation are the most prominent [3]. Therefore, it is necessary to explore effective ways, create management barriers, break all obstacles, build a complete mechanism and system, promote comprehensive reform, take advantage of the location and policy advantages of the Yangtze River Delta, accelerate higher education pilot operation measures, through the common education decision-making, education reform, sharing education resources. We will promote a symbiotic situation of reform, innovation and efficient development in the Yangtze River Delta region.

4. The action path of high quality development of higher education integration in Yangtze River Delta

4.1 We will give full play to the leading role of government agencies and improve the effectiveness of governance

Government agencies should attach more importance to higher education, give sufficient financial support, clarify the position of responsibilities, and optimize the management process. Government departments should formulate reasonable and scientific development strategic plans, optimize and integrate various resources, improve the supply of higher education services, increase the corresponding financial budget, improve relevant laws and regulations, and strengthen the organizational coordination and policy guidance role of government departments. In the process of the integrated development of higher education in the Yangtze River Delta, the office colleges are its main components, and the management bodies such as local governments and central governments at all levels make their strength sources. To improve the top-level design from the institutional level, it is necessary to build a coordinated development guarantee system system. The key implementation steps are as follows: The first level is the central government (the highest level), which is mainly responsible for designing the top-level system and deploying major strategies, and making coordinated planning for the development of various regions in order to enhance the continuity of the system; The second level is three provinces and one municipal government (middle level), and the coordination grid should be formed among various regions to do a good job of organization, management and coordination; The third level is the institutional organization (the lowest level), including enterprises, industry associations, research institutions, higher education institutions, etc. These subjects achieve the integrated high-quality development of higher education in the Yangtze River Delta through diverse education, collaborative innovation, and resource sharing.

4.2 We will build distinctive entrepreneurial universities and science and technology enterprises, and improve the mechanism for sharing innovation resources

Under the background of constantly promoting the modern management mechanism and scientific research achievements of colleges and universities, science and technology enterprises based on colleges and universities rely on the applied disciplines and research platforms of colleges and universities, and on the basis of paying attention to scientific and technological research and innovation, take advantage of technology and talents to continuously accumulate intellectual property rights and improve the innovation management system. Therefore, it should be considered from the perspective of national development strategy, combined with the resource and industrial advantages of the Delta region, to build science and technology enterprises and entrepreneurial universities with local characteristics, promote the interaction and mutual integration of various resources in the region, and promote the integration and high-quality development of higher education in the Yangtze River Delta region.

To build entrepreneurial universities and scientific and technological enterprises, it is necessary to optimize the allocation of innovation resources and promote the effective circulation of innovation resources [4]. Therefore, it is necessary to actively build an innovative resource sharing mechanism and a space flow mechanism to maximize the utilization of resources, and to achieve high-quality development through the creation of a higher education resource innovation and sharing platform, with

the help of big data and Internet technology, resource sharing, credit exchange, joint training and other ways.

4.3 Establish a coordination and incentive guarantee mechanism

First, the high quality development of the integration of higher education in the Yangtze River Delta has a complicated relationship with the interests of different departments and levels such as the government, universities, local governments and the market. If it is not handled properly, it will not be conducive to the later development. However, in order to effectively deal with such issues and ensure the interests of each subject, it is necessary to use the power of law to do a good job in regulation. Under the protection of the legal system, it can ensure the sustainability and predictability of the behavior of the related subjects, as well as the long-term and orderly pursuit of interests. For example, through the establishment of close coordination and communication between government departments and the National People's Congress, the construction of the legal system is prevented from being incomplete and informed, so as to provide guarantee for the realization of its high-quality development.

Second, the relevant part should adopt a scientific and effective way, actively build a scientific and effective supervision and evaluation mechanism, and combine the difficulties and tests that may be encountered in the development process, the relevant guidance of The State Council, and the overall strategic layout of the Party Central Committee Monitoring and evaluation can be carried out from the dimensions of the promotion guarantee level of integrated development projects, the innovation degree of integrated talent training, the construction level of education cooperation and sharing platform, the level of talent exchange and cooperation, the sharing degree of high-quality education resources, and the level of leadership and management cooperation, so as to timely find the problems in the process of integrated development, and make a good summary of relevant work. Make a reasonable planning plan.

4.4 We will improve the mechanism for consultation and co-construction of basic education

In the era of internationalization and new-type urbanization, in-depth research has been conducted on the evaluation system of basic education in the Yangtze River Delta region from the aspects of evaluation mechanism, curriculum reform and school-running system, so as to promote the high-quality development of basic education [5]. We can improve the integration of the Yangtze River Delta basic education high-quality development progress through the establishment of branch schools, school alliances, trusteeship school running, group school running and many other measures. As a high-end talent training base, the Yangtze River Delta has defined the goal and implementation path of high-quality, balanced, open and innovative talent training. Through joint teaching and research, the Yangtze River Delta has jointly established a long-distance interactive teaching and research platform and a long-distance interactive teaching platform from primary school to high school, and jointly built curriculum reform resources and online education resources. Jointly establish a research travel resource sharing mechanism, regional off-campus practice, and shared high-end expert information resource database, and establish an in-process notification and post-experience sharing mechanism for policy development based on basic education.

5. Conclusion

To sum up, the integrated development of higher education in the Yangtze River Delta, as a sub-regional cooperation development model, has formed a good talent training environment for cultivating, attracting and stabilizing talents through the construction of legal mechanisms, the use of information technology, giving full play to the leading role of government agencies, the construction of characteristic entrepreneurial universities and scientific and technological enterprises, and the construction of coordination and incentive guarantee mechanisms. We will promote the Yangtze River Delta region to become a base for training high-end talents.

Acknowledgement

Subject: This paper is supported by the research project of Anhui University of Finance and Economics: Implementation Path of High Quality Integration of Higher Education in Yangtze River Delta (ACKYC21035).

References

- [1] Pang Bo, Ruan Chengwu, Xie Yu, Yang Jiyu(2019). *The integrated development strategy of Higher Vocational education in the Yangtze River Delta: Current situation, challenges and countermeasures* [J]. *Journal of Higher Education Administration*,17(02):62-73.
- [2] Wu Ying, Cui Yuping(2023). *Construction of evaluation index system of regional Higher Education integration in Yangtze River Delta* [J]. *Modern University Education*,39(01):76-86.
- [3] Lu Wei(2022). *The integration of higher education in the Yangtze River Delta from the perspective of Governance: Progress, Dilemma and Breakthrough* [J]. *University of Education Science*, (06):34-42.
- [4] Zhang Jiping, Deng Ke(2012). *Realistic dilemma and path choice for high-quality development of integrated higher education in the Yangtze River Delta: from the perspective of regional innovation system* [J]. *Journal of Yangtze University (Social Sciences Edition)*,45(04):117-124.
- [5] Dai Yuchun, Yang Yiren(2021). *Analysis and optimization countermeasure of Anhui higher education structure under the background of Yangtze River Delta integration development* [J]. *Journal of Anhui University of Technology (Social Science Edition)*, 38(06):105-111.