

Research on the Training Model of Practical and Applied Preschool Education Talents under the Background of Industry, Education and Research

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Keywords: Industry; University and research; Preschool education; Personnel training

Abstract: Industry-university-research cooperation is an effective mode of training applied and innovative talents in education. From curriculum development to training guidance, from training sites to teaching equipment assistance, the content of industry-university-research cooperation is gradually enriched. The long-term cooperation between industry, University and research institutes depends on finding and grasping the balance of interests of the partners. Whether the cooperation can produce the greatest benefits, it is necessary to explore and establish various safeguard mechanisms step by step.

1. The Necessity of Implementing the Model of Combining Industry, Education and Research

"Production" refers to enterprises, "learning" refers to institutions of higher learning, "research" refers to scientific research institutions. Industry-university-research cooperation is the synergy and integration of functions and resources advantages of different social division of labor in research, education and production. It is a challenge to the traditional closed educational concept. The combination of industry, education and research is driven by market demand. Through market investigation, analysis and research, we can timely grasp the market requirements for graduates' specifications (abilities, qualities, knowledge) and quantity, and timely adjust education plans to meet market demand.

The mode of cooperation between industry, University and research institutes is the foundation of the survival of applied universities. The combination of production, teaching and research in preschool education specialty is to make use of different educational resources and environment of schools, kindergartens and kindergartens to combine school education with kindergarten research institutions, classroom teaching in schools with practical teaching in kindergartens, and the organic combination of the three is coordinated development. The main purpose of the school's implementation of the combination of production, teaching and research is to train talents suitable for the needs of the industry. This school-running mode has unique advantages in training applied and innovative talents and ensuring the quality of professional education. Practice has proved that the effect is remarkable.

2. Guarantee Mechanism for Implementing the Mode of Cooperation between Industry, University and Research Institutes in Running Schools

2.1 Motivation Mechanism of Goal Consistency.

The main body of cooperation between production, teaching and research of preschool education specialty in applied universities is school, kindergarten and preschool education research institute. Schools are the exporters of talents, which cannot be separated from the support and help of kindergartens and kindergarten research institutes. Schools are the main source of power to promote the cooperation between industry, University and research institutes.

For schools, first, according to the development and changes of preschool education industry, combined with the requirements of kindergarten development and the advantages of schools themselves, we should explore a variety of personnel training modes and form a variety of personnel training programs. Secondly, we should deepen the reform of teaching system, teaching

content, teaching methods and examination methods according to the needs of social development and students' application abilities, especially the reform of practical teaching system so that students can not only meet the needs of the industry. At the same time, it can also adapt to the demand outside the industry and form a multi-export employment trend. Thirdly, the "products" of schools are graduates, whose service targets are kindergartens and related industries. As the exporter of "products", schools should actively solicit customers' opinions and requirements on "products", attach importance to customers' feedback on the use of "products", and cultivate marketable talents. Otherwise, there will be no market and the space for survival and development will be lost.

For kindergartens and related institutions, the level of teachers, the quality of teaching and the conditions of kindergartens determine their survival and development. This requires kindergartens to actively intervene in the teaching reform and practice of schools from their own needs, and to embody the changing requirements for talent, quality and knowledge structure in the school's teaching reform program. In this way, kindergartens can continuously recruit from application-oriented colleges and universities to satisfactory application-oriented talents, gradually realize the elimination of the last place, and always maintain the best teaching staff, in order to enhance their own advantages.

2.2 Selection Mechanism of Complementary Advantages.

There are two situations in the cooperation of production, teaching and research in preschool education of applied universities: one is that the main party that wants to cooperate is the school, the main purpose of cooperation is to learn the latest preschool education concept and teaching mode, and the second is to solve the problems of practical teaching and employment. Schools usually want to cooperate with preschool education research institutes, some regular kindergartens and famous kindergartens with strong teachers. At this time, the main demand side of the industry-university-research cooperation is the school. Schools try their best to find possible conditions for cooperation and complementary advantages, and strive to reach agreements for cooperation. On the other hand, some small and medium-sized kindergartens actively seek cooperation with schools, hoping to get the support of teachers in Colleges and universities. In both cases, the principle of choosing partners is to have common interests, goals, intentions and willingness, and more importantly, to complement each other's strengths.

2.3 Behavior Mechanism of Joint Compliance with the Agreement.

Behavior mechanism refers to the input behavior and content of cooperation. The preschool education specialty of Applied Universities implements the mode of joint training of talents by cooperation of production, teaching and research. The partners of cooperation must pay for each other's behavior, otherwise they can't cooperate. Therefore, it is necessary to put forward the behavioral mechanism of industry-university-research cooperation and clarify it in a certain way. Whichever party's behavior is, it must be programmed in a certain form. For example, in the cooperation charter, it should be determined in the agreement. Both sides should abide by the rules and regulations together, which will help the industry-university-research cooperation to operate smoothly and advance smoothly.

3. Practical Exploration of the Model of Combining Industry, Education and Research in Running Schools

3.1 Establishing Professional Steering Committees to Provide Effective Organizational and Policy Guarantees for Cooperative Education between Industry, University and Research Institutes.

In the administrative departments of preschool education, research institutes of preschool education and kindergartens, administrative leaders, professional leaders, kindergarten directors and key teachers are employed as members of professional steering committees to hold regular seminars to listen to the opinions of experts and to check on policies. At the same time, it participates in the

specialty construction of the school, such as the teaching reform, the formulation of the teaching plan, the curriculum setting and the formulation of the personnel training program, etc. The professional steering committee guides the professional construction and development to meet the actual needs of kindergartens and organically links up with kindergarten education and teaching, so that school education is always in the position of actively adapting to the needs of kindergartens, starting from the needs of kindergartens.

3.2 Regular Engaging Preschool Education Experts to Give Lectures and Reports in Schools to Achieve the Organic Integration of School Education and Research Institutions.

Experts in preschool education are authoritative and leading, with good social influence and social effect. Schools should give full play to the brand effect of experts, invite experts to give lectures and reports regularly or irregularly, and convey the cutting-edge information of the preschool education industry, so that school education can always maintain the most advanced educational status and have the most advanced educational ideas. In recent years, the combination of preschool education and research has played a positive role in promoting the construction of brand specialty.

3.3 Closely Integrating with Kindergartens and Establish Extensive Teaching Practice Bases to Provide Practical Opportunities for Training Students' Professional Abilities.

The combination of production and learning in schools and kindergartens is not only the essence of brand specialty construction, but also an important measure to implement brand strategy. To train applied and innovative talents, Applied Undergraduate Colleges and universities must combine with relevant enterprises and industries in order to accomplish the task of training talents. In recent years, Yunnan Normal University Business School has established partnerships with more than 40 kindergartens and signed cooperation agreements with nearly 20 kindergartens. Under the careful guidance of teachers in practice units, students have learned knowledge that is not available in books, improved their practical ability, and realized that practice is the best way to form their ability.

3.4 Making Efforts to Serve each other in Cooperation and Provide Impetus for the Sustainable Development of Industry-University-Research Cooperation Education.

1) Resource sharing - including information resources, teaching equipment resources and human resources sharing. Schools and partners exchange information in a timely manner to complement each other. In order to share material resources and human resources, the school puts the needs of the partners in the first place, and tries to create conditions to meet all the needs of the partners. 2) Take the initiative to pay - there are many students in the school, which is the advantage of the school's human resources. In order to cultivate students' spirit of love of work and hardship and their practical ability, the school organizes students to do some work for the partners regularly, such as cleaning, environmental creation and layout, guiding children to rehearse programs, making teaching aids and so on. These activities not only exercise the students, but also build a bridge of friendship between the school and the cooperation side. 3) Regular communication. Schools regularly hold symposiums or friendship activities, invite partners to participate, and conduct ideological and emotional exchanges, not only consolidate and strengthen the tripartite cooperation between industry, University and research, but also develop the friendship among the members of the tripartite. 4) Teacher training. The professional teachers of preschool education include full-time teachers, part-time teachers and kindergarten instructors who guide students to practice. The combination of production, teaching and research means that schools, kindergartens and kindergartens should work together to train and improve teachers. Schools and kindergartens should complete the training and improvement of teachers' theoretical knowledge of education and teaching, while kindergartens should give teachers certain professional experience and improve teachers' practical skills.

4. Deep Exploration on the Implementation of the Mode of Industry-University-Research Cooperation in Running Schools

4.1 School-Run Industrial Model.

That is to say, the school uses the school-run industry to realize the mode of cooperation between industry, University and research, and integrates teaching, scientific research, student practice and practical activities into one, forming a benign interaction. It not only provides conditions for training applied and innovative talents, but also produces good social and economic benefits. It is an ideal mode of cooperation between industry, University and research institutes, and it is also a mode that we need to think about and improve in the future.

4.2 The Mode of Joint Stock Cooperation between Schools and Enterprises.

That is, schools and enterprises with independent legal personality cooperate in the form of joint-stock system. Enterprises can inject shares into schools in various forms, such as funds, instruments, equipment and venues, directly participate in the whole process of running a certain specialty and share the benefits of running a school. This mode of cooperation reflects the relationship of equal cooperation in running schools and the equality of status, which determines the deepening of cooperation level and effectively safeguards the enthusiasm of both sides.

4.3 The Model of Full Shareholding System.

School-run enterprises are completely the joint-stock system model in which individual teachers or members of society participate. Such a model has a certain degree of autonomy and flexibility, and can fully realize the integration of production, teaching and research. Continuous research and development, improvement, innovation, make "products" more marketable and create good social and economic benefits.

In-depth cooperation between industry, university and research institutes in running schools enables talent suppliers and demands to work hand in hand on the basis of common interests and tailor-made talents according to actual specifications to ensure the quality of talent training. Deep cooperation between industry, University and research has greatly enriched educational resources. The amount of information that students come into contact with in effective time has increased greatly. Especially when new technology and equipment enter the campus, it can stimulate students' learning desire and shape themselves into talents. The infiltration and integration of campus environment and enterprise environment make the educator realize the role transformation of "students, professionals, social people" in the process of subtle influence. Therefore, the implementation of industry-university-research cooperation is an effective way to cultivate talents in Applied Colleges and universities, and an important measure to realize the construction of brand specialty.

Acknowledgement

This article is from the teaching reform project of Yunnan Provincial Education Department in 2018. The topic number is JG2018271. (Reform and Research on Teaching and Evaluation of Kindergarten Domain Teaching Method Course: A Case Study of Yunnan Normal University Business School)

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