



Compound Talents in Higher Vocational Colleges from the Perspective of Regional Economy of “Small Town with Traditional Chinese Medicine Health Preserving Characteristics” Research on Cultivation Path

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Abstract: In order to explore the training ways of compound skilled talents of planting, breeding and tourism in higher vocational colleges, to promote the regional economic development of traditional Chinese medicine health care. Based on the analysis of the demand for talents in small towns with traditional Chinese medicine health-preserving characteristics, this paper determines the training objectives and analyzes the problems existing in the training. Taking Jiangsu Agri-animal Husbandry Vocational College as an example, starting with the core elements of personnel training such as curriculum system, practical teaching base and teaching team, this paper explores the training path of compound technical skills talents in higher vocational colleges.

Keywords: Traditional Chinese Medicine for Health Preservation; Characteristic Town; Higher Vocational Education; Compound Talents; Cultivation Path

1. INTRODUCTION

In July 2016, the notice on developing the cultivation of characteristic towns published by the Ministry of housing and urban - rural development and other three ministries in China clearly pointed out that by 2020, about 1,000 characteristic and dynamic characteristic towns such as leisure tourism, business logistics, modern manufacturing, education and science and technology, traditional culture, beauty and livability will be cultivated ^[1]. Traditional Chinese medicine health-preserving characteristic town is a small town characterized by " traditional Chinese medicine breeding and health-preserving endowment and cultural tourism" and is one of the important genera of " small town with Chinese characteristics". The construction of characteristic small towns has become a new momentum to promote the innovation and development of regional economy and the implementation of the rural revitalization strategy. However, the development of regional economy cannot be separated from the support of talents. The structure, quality and distribution of talents play a crucial role in the development of regional economy ^[2]. Taking Jiangsu vocational college of agriculture and animal husbandry science and technology as an example, this paper explores the training path of compound talents in higher vocational education needed for the construction of traditional Chinese medicine health-preserving characteristic town, which is in line with the construction of traditional Chinese medicine health-preserving characteristic town and cultivates compound technical talents for " breeding and swimming".

2. "SMALL TOWN WITH TRADITIONAL CHINESE MEDICINE HEALTH PRESERVING CHARACTERISTICS" THE DEMAND OF THE TIMES FOR THE CULTIVATION OF COMPOUND TALENTS IN HIGHER VOCATIONAL COLLEGES FROM THE PERSPECTIVE OF REGIONAL ECONOMY

The outline of the national long-term education reform and development plan (2010 - 2020) clearly points out that higher vocational education must vigorously promote the strategic adjustment of the personnel training structure and strengthen the training of innovative, practical and compound technical and technical personnel ^[3]. Higher vocational education serves regional economic

development and is endogenous to regional industrial demand. Changes in industrial structure will inevitably lead to changes in industrial talent structure^[4]. The development of regional economy and the transformation and upgrading of industrial structure have established a new development direction for higher vocational education. the training objectives, professional structure and practical teaching system of higher vocational education need to be optimized and adjusted according to the development of regional economy^[5]. At present, in the process of building a small town with traditional Chinese medicine health-preserving characteristics, the corresponding planting industry, breeding industry and tourism industry are showing a new trend of cross-border integration and development. There is an urgent need for a large number of compound talents in "planting, raising and traveling" related industries. Therefore, it is necessary to set up and adjust the specialty according to the new situation and development strategy of the regional economy of "traditional Chinese medicine health-preserving characteristic town" so as to ensure that the training objectives of students are in line with the regional economic development. In the construction of personnel training system, curriculum system, practical teaching base, teaching team and other core elements of personnel training reform must be targeted to strengthen the cultivation and training of post adaptability and comprehensive professional ability.

3. MAJOR PROBLEMS IN THE CULTIVATION OF COMPOUND TALENTS IN HIGHER VOCATIONAL COLLEGES

3.1. Professional Setting does not Match with Regional Economic Development

With the reform of the national economic model, the regional economy is showing a new trend of diversification and integration, while the regional economy of “small town with traditional Chinese medicine health care features” is showing a new trend of cross-border integration of planting, breeding and tourism. This requires higher vocational colleges to adjust their professional settings according to local conditions on the basis of full investigation of the regional economic characteristics and the corresponding demand for talents. However, the fact is that at present, most vocational colleges have placed too much emphasis on one-to-one correspondence with the industrial structure. The “supply side” and “demand side” of talents are obviously out of line. The “characteristic small town” cannot recruit composite talents that match. Single-type talents are often difficult to obtain employment or employment and are difficult to adapt to their jobs.

3.2. The Function of the Practical Teaching Base is Incomplete and Insufficient

The practical teaching base is the basic support condition for training applied professional and technical personnel. Due to its “application - oriented, practical” characteristics, higher vocational colleges attach particular importance to the construction of practical teaching bases. In response to the demand for cultivation of compound talents in the regional economy of “traditional Chinese medicine health-preserving characteristic small town”, there are many problems in the practical teaching base, such as insufficient capital investment, lack of close cooperation between school and enterprise, insufficient sharing of resources and imperfect management mechanism. The construction of the integrated production, teaching and research base is seriously lagging behind. the practical teaching base is generally not fully functional and does not perform well, making it difficult to cultivate compound technical talents in higher vocational colleges who are required for the construction of the traditional Chinese medicine health-preserving characteristic small town.

3.3. Barriers to Management System and Mechanism Exist in the Construction of Teaching Team

Teachers are the executors and promoters of teaching. The construction of teaching team is directly related to the success or failure of personnel training. At present, the independent management mode of the secondary departments in higher vocational colleges leads to the difficulty of sharing teachers, the poor flow mechanism of teachers' positions and the weak incentive mechanism, which leads to the

single structure and poor flexibility of the teaching team and the inability to cultivate compound technical and technical talents suitable for the regional economic development of the " traditional Chinese medicine health-preserving town".

4. WAYS TO CULTIVATE COMPOUND TALENTS IN HIGHER VOCATIONAL COLLEGES - TAKING JIANGSU VOCATIONAL COLLEGE OF AGRICULTURE AND ANIMAL HUSBANDRY SCIENCE AND TECHNOLOGY AS AN EXAMPLE

4.1. Construction of “Planting and Breeding Tour” Specialty Groups in Connection with Industrial Chain

Based on the training concept of " building the specialty on the industrial chain", we firmly seize the opportunity of structural reform and industrial transformation and upgrading on the supply side of planting, breeding and tourism in the regional economy of " traditional Chinese medicine health-preserving characteristic small town", actively adapt to the demand of complex technical skill talents in modern planting, breeding and tourism industries, and reposition the training target of complex technical skill talents. According to the interactive relationship between specialties and industries, Chinese herbal medicine cultivation technology, garden technology, animal husbandry and veterinary medicine, aquaculture technology, leisure agriculture and marketing and other specialties will be integrated across borders to construct " planting and breeding" specialty groups, implement dislocation development, and enhance the post adaptability and comprehensive professional ability of graduates.

4.2. Construction of a Cross-Border Integration of “Planting, Breeding and Swimming” Complex Technical Skill Personnel Training System

Update the educational and teaching concepts, straighten out the development ideas of cross-border integration of industries in " small towns with traditional Chinese medicine health-preserving characteristics", integrate the three core elements of the cultivation of compound talents for " planting and swimming" specialty groups, and systematically construct the cultivation system of cross-border integration of compound technical skills for " planting and swimming".

4.2.1. Fusion of Cultivation Objectives

Conduct in-depth investigations in small towns with traditional Chinese medicine health-preserving characteristics, accurately position personnel training objectives, and train composite technical and technical personnel suitable for forestry, animal husbandry and fishery and tourism product research and development, production, marketing, management and other positions.

4.2.2. Integration of Curriculum System

Stick to the industrial chain of " small town with traditional Chinese medicine health preservation characteristics", integrate modern new varieties, new technologies and new modes into the teaching content, realize the cross-penetration of different professional courses, and reconstruct the curriculum system of " platform course and vocational technical course and vocational direction course and innovative entrepreneurship course" (take the cultivation technology specialty of traditional Chinese medicine as an example, figure 1).

4.2.3. Fusion of Cultivation Approaches

Implement the “integration of engineering and research” talent training mode^[6], carry out classified training, and implement the "three systems and three systems" training mode, that is, credit system, tutorial system, flexible educational system, small class, personalization and project. Students" do middle school, do middle school, do middle school and do middle school research" in the production-

research base, and strive to cultivate students' ability to solve practical problems in their posts.

4.3. Construction of " Middle School Factory" with Cross-Border Integration of " Planting, Breeding and Swimming"

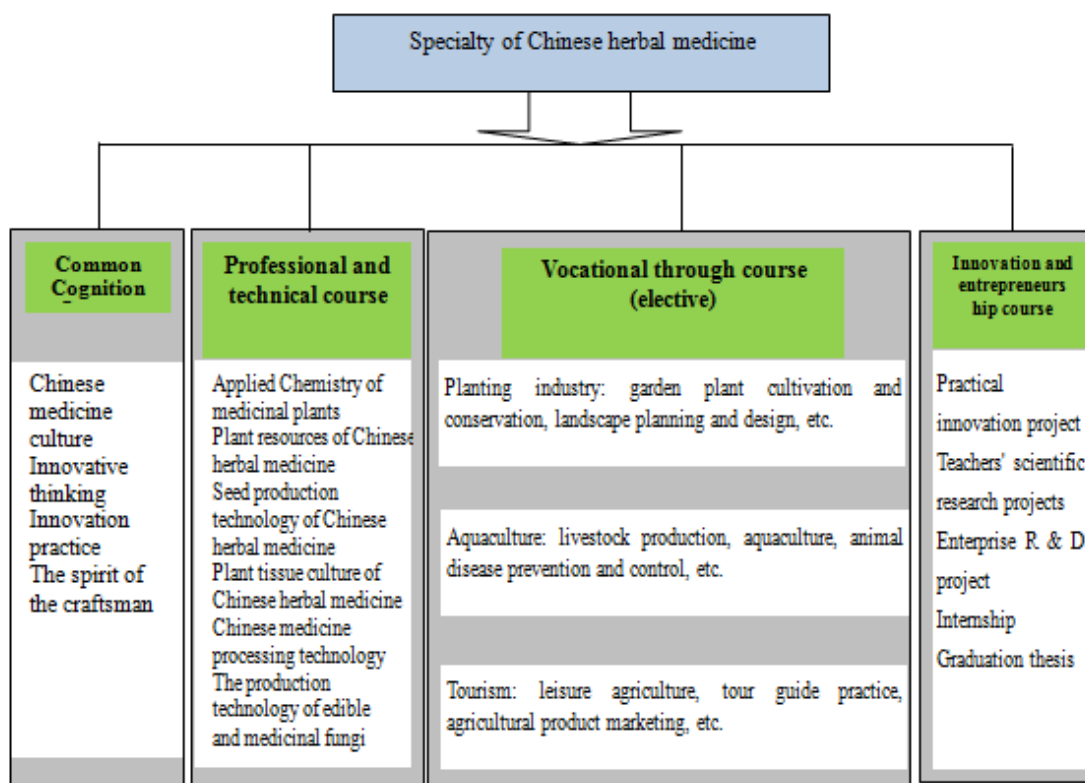


Figure1. "Cross breeding, production, teaching, research and integration" training curriculum system for cultivating compound talents of Chinese herbal medicine

Relying on China's modern animal husbandry vocational education group, it has continuously integrated advanced equipment, technology, production methods, talents and funds into higher vocational education, integrated practical teaching resources as a whole, and built a cross-border integration and full-featured production and teaching research base of " planting and breeding tours" against the regional economic growth pole of " traditional Chinese medicine health-preserving characteristic town" - Jiangsu traditional Chinese medicine science park and Jiangsu modern animal husbandry science and technology demonstration park, etc. Reform the management and operation mechanism of laboratories, training rooms, scientific research platforms, innovative projects, increase openness and sharing, systematically build a benign operation mechanism for interaction between scientific research and teaching (take Jiangsu traditional Chinese medicine science and technology park as an example, table 1), and cooperatively cultivate innovative and compound technical and technical talents.

Table1. "Factory in Schools" teaching operation of Jiangsu traditional Chinese Medicine Science Park as an example

industry category	Important base		Major platform	Major projects	Teaching operation mechanism
	Professional base	Shared base			
Planting	①The planting base of Chinese medicinal materials ②ecological seedling base	a. The modern agricultural technology training base of the Ministry of Agriculture b. The top training base for the	Jiangsu miraculous traditional Chinese Medicine Technology Co., Ltd. Jiangsu pastora science and	National forestry science and technology demonstration and extension project The three new forestry project of	(1) management mechanism. Jiangsu science and Technology Park, as the two level organization of independent accounting, is mainly located in Teachers' scientific research, student

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		backbone teachers of the Ministry of Education	Technology Co., Ltd.	Provincial Forestry	practice and technical services.
Breeding industry	Breeding and production base of SujiangZingiber pig	c. The new training base for the new professional farmers in China	Jiangsu Chang Tai agriculture and animal science and Technology Development Co., Ltd.	Key technology innovation and industrialization promotion of SuJiangzhu provenance industry	(2) sharing mechanism. Fully realize the sharing of the teaching resources of technology, site, equipment, personnel, management and other teaching resources, and
Rural tourism	Herbal health care scenic spot	d. Jiangsu Province modern agricultural comprehensive science and technology demonstration base	Taizhou materiamedica Tourism Development Co. Ltd. Jiangsu pastoral science and Technology Co., Ltd.	The creative development and introduction of characteristic tourism agricultural products Construction of infrastructure and service facilities for leisure agriculture	promote the new development model of "integration of breeding and tourism", and realize the interaction between the professional and the industry. (3) the assessment and evaluation mechanism. We should establish various examination and evaluation mechanisms such as curriculum assessment, innovation project assessment, school teachers and park mentors.

4.4. Set Up a Teaching Team of " Planting, Breeding and Swimming Integration"

Adapting to the development of industry forces the reform of teaching management system. to solve the problem of teachers sharing difficulties caused by the independently set management modes of secondary departments and departments, the teaching office has taken the lead in building the coordinated operation mechanism of professional groups, reforming the personnel distribution system, forming five scientific and technological innovation teams such as medicinal and ornamental plant germplasm innovation, six scientific and technological service teams such as agroforestry, and eight professional teaching teams such as leisure agriculture, etc. through cross-border integration, the " 335 teaching and research project" has been implemented to encourage teachers to work at the base, produce and research personnel to serve as teaching activities, and establish a long-term mechanism for the orderly flow of talents. The internal mechanism ensures the reform and development of compound talents training and promotes systematic reform and deepening of full participation and linkage of various departments.

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