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The Innovation and Practice of Joint Talent Training Model of Chinese, Russian and Mongolian Universities under the Background of “One Belt and One Road”

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Abstract. This paper focuses on the security and stability, transnational cultural exchanges and regional economic development of border minority areas. In view of the problems of insufficient integration of high-quality international resources and low level of teaching staff construction in border minority areas in the joint training of talents between China, Russia and Mongolia in our university, by firmly seizing the opportunity of the national “One Belt and One Road” construction and the construction of the national opening bridgehead to the north. We continue to deepen the reform of international talent training, and have worked out the means to develop “distinctive regional characteristics, innovative training, and high international recognition”, and achieved fruitful innovation and practical results.

Keywords: “One Belt and One Road”, Chinese, Russian and Mongolian universities, personnel training, co-cultures.

Research area: social structure, social institutions and processes.

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Иновации и имплементация совместной модели подготовки кадров китайских, российских и монгольских университетов в рамках инициативы «Один пояс – один путь»

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Аннотация. Статья посвящена безопасности и стабильности транснациональных культурных обменов и регионального экономического развития приграничных районов проживания национальных меньшинств. Ввиду проблем недостаточной интеграции высококачественных международных ресурсов и низкого уровня подготовки преподавательского состава в приграничных районах проживания национальных меньшинств для совместного обучения талантливых студентов Китая, России и Монголии рассматривается образовательная концепция «Северный вектор национального плацдарма», реализуемая в Хулунбуирском университете в рамках инициативы «Один пояс – один путь».

Ключевые слова: «Один пояс – один путь», университеты Китая, России и Монголии, образовательная концепция, сокультуры.

Научная специальность: 5.4.4 – социальная структура, социальные институты и процессы.

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Introduction

Strengthening and consolidating the traditional friendship and cultural exchanges with the neighboring regions of Russia and Mongolia is an important measure for my country to ensure the security and stability of the border ethnic areas and to implement the national “One Belt and One Road” initiative. Hulunbuir City borders Russia to the north and Mongolia to the south, and has always maintained friendly relations with the Russian-Mongolian border area. As the only undergraduate university in the city, our university established a cooperative relationship with the Russian Post-Baikal State Normal University for the Humanities as early as 2000, and has since expanded to in-depth cooperation with more than 20 Russian and

Mongolian universities. In 2005, relying on the Ministry of Education’s “Approval of the 2+1 Cooperation Project between Hulunbuir College and the Russian Post-Baikal State Normal University for the Humanities” and “The Letter on Supervising the Implementation of the Sino-Russian Joint Training of Undergraduate Students” (a total of 5 in the country), our school began the theoretical research and practice of Sino-Russian and Mongolian joint training of talents (Ma, 2021).

Since the research and practice of joint training of talents between China, Russia and Mongolia was launched in 2005, our school has further clarified the regional internationalization talent training goals and comprehensively revised the talent training plan in response to

the problems and shortcomings found in the specific implementation process by strengthening the top-level design and continuously enriching and improving the construction of the guarantee system. The requirements of cultivating students' professional ability, practical ability, innovational ability, and international exchange levels have been further clarified (Guo, Chen, 2022). The school has embarked on a road of development with "distinctive regional characteristics, innovative training, and high international recognition" through strengthening the construction of the curriculum system, reforming teaching and methods reforming assessment and evaluation forms, and strengthening the construction of practical teaching bases.

The research and practice of the joint training of talents between China, Russia and Mongolia mainly adopts various scientific research methods such as data collection, literature analysis, comparative research, questionnaires, theoretical analysis and practical research. The research and practice process has gone through four stages: August 2005 to August 2010 is the initial stage of the research, mainly studying the model and quality standards of the Sino-Russian 2+2 joint training undergraduate program in Russian and fine arts majors; September 2010 to September 2014 is the mid-term stage of the research, focusing on deepening friendly exchanges with Russian and Mongolian universities, expanding the field of joint training, and establishing and improving the system and mechanism for the guarantee of joint training between Chinese, Russian and Mongolian universities; September 2014 to December 2017 the late stage of the research, focusing on carrying out research and practice on civil engineering professional training programs for Sino-foreign cooperative school-running projects, strengthen the construction and research of international teachers, and carrying out joint training with Russian and Mongolian universities for undergraduate and master students in many fields and the expansion and research of short- and long-term internship practice projects. From January 2018 to December 2021, will be the inspection stage of the results, focusing on experience summa-

ry, theory improvement, model promotion and application.

Problems in the joint talent training model of Chinese, Russian and Mongolian universities

I. The cross-cultural talent training model has yet to be perfected, and talent training is not in harmony with social needs

The talent training still follows the traditional form, the homogenization of talent training is serious, and the training of cross-cultural humanistic literacy is insufficient, which is not suitable for the social needs of international development.

II. Insufficient integration of international high-quality resources and insufficient ability to serve the construction of the "One Belt and One Road"

The complementary advantages of high-quality educational resources between China, Russia and Mongolia are insufficient and not obvious, the adaptability of graduates to positions is poor, the employment competitiveness is not strong, and the ability to serve the construction of the "One Belt and One Road" is insufficient.

III. The level of construction of teachers in frontier ethnic areas is not high, and there is a shortage of international high-quality talents

It is difficult for schools to introduce talents. It is difficult to improve the professional ability of teachers in school, there are few channels for international training, and there are few opportunities for exchanges and cooperation between Chinese and foreign teachers, which affects the quality of international talent training.

Solutions to the main problems of the joint talent training model of Chinese, Russian and Mongolian universities

I. Systematically promote collaborative innovation and continuously optimize the cross-cultural applied talent training model

Strengthen the top-level design, take advantage of the geographical advantages adjacent to China, Russia and Mongolia, establish an international education path that is in line with the school's own development characteristics, and give full play to the role of a bridge-

head for talent training. Through the collaborative cooperation between China, Russia, China and Mongolia universities, the concept of “talent co-education, professional co-construction, curriculum co-construction, team co-construction, scientific research co-creation, and multi-field training” is proposed. The concept of “three kingdoms-five commonalities-multi-domain”. According to international professional standards, with the goal of cultivating high-quality international applied talents with “excellent character, strong ability, knowledge of culture and language” as the training goal, a Sino-Russian-Mongolian cross-cultural joint talent training model has been constructed in all directions from the aspects of “cultural integration, fine professionalism, excellent resources, strong teachers, and heavy practice”, and talents adapted to the needs of international development have been cultivated (Qiao, Li, Qiao, 2021).

II. Highly recognized and vigorously promoted by the industry

The international cooperation and training work of our school has been highly valued by the Department of Education of the Autonomous Region and the Hulunbuir City Government. In 2019, the Department of Education of the Autonomous Region allocated 2 million yuan for the “Belt and Road Talent Training”. The Hulunbuir Municipal Government allocates 300,000 yuan a year to support the education of international students and foreign affairs work of our school. The school has been rated as a “foreign-related first-level institution” in the Autonomous region for nine consecutive years. In 2010, it jointly established a “training base for Studying in Russia” with the Study Abroad Service Center of the Ministry of Education.

III. Introduce and train at the same time to promote the improvement of teachers’ professional abilities and build an international teaching staff

All year round, high-level teachers from Russian-Mongolian cooperative universities are hired to engage in teaching and scientific research to promote the improvement of professional competence of teachers in the school; outstanding young and middle-aged teachers

are encouraged to study for doctoral degrees in universities in Russia, Mongolia and other countries, and international channels are opened for effectively improving the level of academic qualifications; teaching and scientific research teams of Chinese and foreign teachers in Russian, civil engineering, economic management and other majors have been formed, and teachers are sent to each other to organize academic exchange activities to realize wisdom sharing; a platform for exchanges between China, Russia and Mongolia virtual teaching and research departments has been established to enhance the level of professional construction. The measures of simultaneous introduction and training have promoted the improvement of the international professional quality of teachers and ensured the quality of talent training.

The results have been highly esteemed by the Russian Embassy in China, the Post-Baikal Regional Government, the Ministry of Education of the Republic of Buryatia, the Belgorod State Technological University, the Mongolian National University, the University of Education, the Oriental University, the Moscow Association of Eastern European Universities and other government departments and cooperative institutions.

IV. Innovation and practice of the joint talent training model of Chinese, Russian and Mongolian universities

1. Concept innovation

Highlight regional characteristics, carry out international exchanges and cooperation between regions, and closely link the demand for professional talents in the construction of the “One Belt and One Road” with the talent training model of Sino-Russian and Mongolian cooperation in running schools, and put forward a new concept of “three kingdoms and five commonalities multi-domain” talent training, namely “China, Russia and Mongolia” three countries and “talent, professional, curriculum, team, scientific research co-creation” to cultivate multi-field applied talents that meet the needs of regional development (Li, 2021).

2. Model innovation

According to international professional standards, with the goal of cultivating high-quality international talents with “excellent

character, strong ability, knowledge of culture and language” as the training goal, a Sino-Russian-Mongolian cross-cultural joint talent training model has been constructed in all directions from the aspects of “cultural integration, fine professionalism, excellent resources, strong teachers, and heavy practice”.

A large number of students has obtained high-level language and technical qualifications, and has cultivated international talents with superb professionalism and strong practical ability through integration of the humanistic spirit and national sentiment into cross-cultural courses, teaching and students exchange, and organizing international cultural exchange activities and forums for young students to achieve cultural integration, language exchange, and friendship; international advanced educational concepts, CDIO engineering education models, Russian language and engineering, Mongolian art courses and teaching materials and other high-quality educational resources, translation and preparing high-level teaching materials suitable for regional development needs, holding various professional competitions at all levels.

3. Mechanism innovation

Establishment of an exchange mechanism between Chinese, Russian and Mongolian teachers. According to the training needs of relevant professional talents, foreign teachers have been introduced to our school for teaching and academic exchange activities, and our school has sent outstanding professional teachers to foreign universities to participate in various exchange activities; a scientific research team of Chinese and foreign teachers has been formed to carry out technological innovation, and an exchange platform between the virtual teaching and research departments of China, Russia and Mongolia has been established to conduct talent training, professional and curriculum construction, and teaching methods. The discussion has created “talent, professional curriculum, team, and scientific research cooperation”, forming a multi-level and multi-angle international exchange mechanism for teachers from China, Russia and Mongolia (Wang, 2023).

Establishment of an exchange mechanism between Chinese, Russian and Mongolian col-

lege students. Among the result are adoption of the “exchange and training” system, combination of long-term training and short-term training according to professional needs, and flexibly training professionals needed for regional economic development, organization of international cultural exchange activities and forums for young students to experience the essence of national cultures and enhance friendship and cultural identity among young people from all over the world.

4. Project innovation

Relying on the Port Economic Service Industry College of Hulunbuir University, the “China-Russia-Mongolia Port Economic Service Center” was established. In order to strengthen cooperation between China, Russia and Mongolia in the fields of economy, education, culture and science, and to provide talent and intellectual support for the port economy, under the initiative of Hulunbuir College, the parties represented by Hulunbuir College, Russia’s Post-Baikal State University, Russia’s Krasnoyarsk State Agricultural University, Russia’s St. Petersburg State Economic University and Mongolia State University Oriental Provincial College will jointly establish a “China-Russia-Mongolia Port Economic Service Center”.The China-Russia-Mongolia Port Economic Service Center implements joint information sharing through joint cooperation areas, and researches economic academic topics and theoretical foundations to serve the port economy strive to build a group of exemplary talent training entities that integrate functions such as talent training, scientific research, technological innovation, corporate services, and student entrepreneurship.

“Sino-Russian Mongolian University Culture and Art Center”: in order to combine the cultural, artistic and educational advantages of China, Russia and Mongolia, and promote mutual exchanges and cooperation in culture and art, relying on Hulunbuir College, the Russian Post-Baikal State University, the Eastern Siberian Academy of Culture and Arts, the Krasnoyarsk Academy of Culture and Arts, the Belgorod Academy of Culture and Arts, the Mongolian State Academy of Culture and Arts, and the Krasnoyarsk Regional Branch of the

All-Russian Social creation Organization are invited to jointly establish the “Sino-Russian Mongolian University Culture and Art Center”. The “China-Russia-Mongolia University Culture and Art Center” is based on the cultural field, adhering to the development of international cultural and artistic exchanges, following the laws of cultural development, exploring business areas, developing national cultural resources, and striving to promote Chinese culture to “go global” and face the world, and foreign art to “come in” to enrich China.

Practical results of the joint talent training model of Chinese, Russian and Mongolian universities

The research project closely links the construction of the national “One Belt and One Road”, the construction of the Sino-Russian-Mongolian cultural exchange mechanism, and the joint training model of Sino-Russian and Mongolian universities. It has carried out systematic research and proposed a new model for regional and international talent training. In particular, our school takes the construction of foreign language majors as the leader, driving the development of Sino-Russian-Mongolian cooperation majors and other related majors, and the ability to serve the construction of the “One Belt and One Road” has been significantly improved. This achievement effectively integrates high-quality educational resources at home and abroad, learns from each other’s strengths, and meets the needs of students of different majors and levels to become talents. It has made new breakthroughs in concepts, models, and mechanisms, and has stepped out of a development path of “distinctive regional characteristics, innovative training models, and high international recognition”, and achieved fruitful results. The results are relevant to the actual development of universities in the frontier regions of our country, with outstanding innovation, remarkable research results, and reproducible and generalizable results and experience.

The project focuses on the safety and stability of frontier ethnic areas, cross-cultural exchanges and regional economic development. According to the positioning of the school, it

will give full play to the geographical advantages adjacent to Russia and Mongolia, and cultivate high-quality international and applied talents with “excellent moral character, strong ability, knowledge of culture and language”. In view of the fact that the cross-cultural applied talent training model that exists in the joint training of talents between China, Russia and Mongolia is not in harmony with social needs, the integration of high-quality international resources is not enough, the ability to serve the construction of the “One Belt and One Road” is insufficient, the level of construction of teachers in frontier ethnic areas is low, and the shortage of high-quality international talents is rare, etc. A new concept of “three kingdoms and five commonalities multi-domain” joint training of talents has been proposed, and a new model of joint training of talents by Chinese, Russian and Mongolian universities has been constructed in all directions in terms of “cultural integration, fine professionalism, excellent resources, strong teachers, and heavy practice”, and more than 3,000 regional and international talents have been trained.

I. The academic level of the faculty and the quality of student training have been significantly improved

Since the implementation of the project, more than 20 teachers in our school have obtained doctorates from Russian and Mongolian universities, and 73 are studying. More than 80 % of Russian teachers have study and work experience in Russia. In 2019, the school hired 47 Russian and Mongolian doctors to teach in the school, and the number of high-level teachers has increased significantly. Chinese, Russian and Mongolian teachers jointly published 108 high-level teaching and scientific research papers, including 66 in Russian, 27 in New Mongolian, and 15 in English, and tutored more than 2,000 professional students.

In the past 16 years, our school has jointly trained more than 3,000 domestic and foreign applied talents, and the employers of graduates have a high degree of satisfaction. 16 graduates have taught in CIS countries as Chinese volunteers (the largest number in the region). More than 10 Russian-speaking students have obtained Ph.D. from the Russian Federation

and CIS countries, and more than 150 have obtained master's degrees; there are 2 Ph.D. and 16 master's degrees in Russian universities in civil engineering; and 25 graduates in education have obtained master's degrees from Mongolia. The Mongolian international student Wen Du Rima trained by our school is currently the president of the Oriental University of Mongolia, and Meng Hechacha Rili is currently the director of the Foreign Affairs Office of the Oriental Province of Mongolia. Wang Huan, a 2012 Russian major graduate, is currently an associate professor, a master tutor, and the editor of a number of official textbooks of the national Russian second-level interpretation of Harbin University of Technology.

II. The international cooperation and training work is highly recognized and vigorously promoted by the industry

The international cooperation and training work of our school has been highly valued by the Department of Education of the Autonomous Region and the Hulunbuir City Government. In 2019, the Department of Education of the Autonomous Region allocated 2 million yuan for the "One Belt and One Road Talent Training". The Hulunbuir Municipal Government allocates 300,000 yuan a year to support the education of international students and foreign affairs work of our school. The school has been rated as a "foreign-related first-level institution" in the Autonomous region for nine consecutive years. In 2010, it jointly established a "training base for Studying in Russia" with the Study Abroad Service Center of the Ministry of Education.

The results have been highly esteemed by the Russian Embassy in China, the Post-Baikal Regional Government, the Ministry of Education of the Republic of Buryatia, the Belgorod State Technological University, the Mongolian National University, the University of Education, the Oriental University, the Moscow Association of Eastern European Universities and other government departments and cooperative institutions.

In 2018, our school held the "6th International Scientific Practice Seminar on Modern Chinese and Russian" during the Russian Ambassador to China Andrei. Denisov sent a congratulatory letter saying, "The educational

cooperation between Hulunbuir College and Post-Baikal State University is a model of cooperation between China and Russia". Lyudmila Verbetskaya, Chairman of the Russian Federation of Russian Teachers and President of St. Petersburg State University, wrote in her congratulatory letter, "For more than ten years, the 'International Scientific Practice Seminar on Modern Chinese Russian' has united Russian experts from the two schools and continuously expanded its scale and influence in continuous and effective cooperation".

The expert group of the National Alliance of Quality Assurance Institutions of Colleges and Universities (CIQA) evaluated the teaching results and concluded that "the project is relevant to the actual development of universities in the border regions of our country, with outstanding innovation, significant research results, and reproducible and generalized results and experience." School leaders have successively delivered keynote speeches at national conferences such as the China Study Abroad Forum and the Sino-Russian Cooperation in School Development Seminar, which have caused great response. "China Education News" introduces the characteristics of our school's international exchanges and cooperation under the title "Cultural Envoys of the Belt and Road Initiative". The China-Russia Cooperative University Alliance and the Joint College of Belarusian State University of Dalian University of Technology, the Ural College of North China University of Water Conservancy and Hydropower, the South Ural College of Zhengzhou Institute of Aviation Industry and Management, Henan Institute of Science and Technology, Inner Mongolia Agricultural University and other five domestic Sino-foreign cooperative universities have highly praised our school's joint talent training model, and believe that the results have reference value and can be used for reference and promotion.

III. Fruitful theoretical and practical results

This achievement enriches and perfects the theory of internationalization of higher education. The topic closely links the demand for professional talents in the construction of the "One Belt and One Road" with the talent training

model of Sino-Russian-Mongolian cooperation in running schools, and puts forward a new concept of “three kingdoms and five commonalities multi-domain” talent training, namely “China, Russia and Mongolia three countries “talent co-education, professional, curriculum, team, scientific research co-creation” to cultivate multi-field applied talents that meet the needs of regional development, and put forward the regional internationalization talent training goal of “excellent character, strong ability, knowledge of culture, and language”.

Relying on the characteristics and achievements of Sino-Russian cooperation in running schools, the Russian major was rated as a national characteristic professional construction point in 2010, an autonomous region-level teaching team in 2017, and a first-class professional construction point in the autonomous region in 2019. “Research and Practice of Applied Talent Training Model of Hulunbuir College” won the first prize of the 2018 Autonomous Region Teaching Achievement Award. In 2021, the Degree Office of the State Council approved our school as a master’s degree awarding unit. The development of tourism on the China-Russia-Mongolia border is the construction point of the master’s degree in Tourism Management. The project won the second prize for teaching achievements in colleges and universities in the Autonomous region in 2022.

Conclusion

Based on a lot of painstaking and meticulous research and practice in the early stage, our school has made the following work ar-

rangements for areas that need to be further deepened and improved:

I. Give full play to its geographical advantages, use this achievement as a platform, and use the resources of the China-Russia Cooperative University Alliance and the Northeast Three Provinces and one Region University Cooperation Alliance to increase in-depth cooperation with Russian and Mongolian universities in teaching, scientific research and other fields, enhance the level of school connotation construction, and provide talents and intellectual support for the construction of the pilot zone of Sino-Russian-Mongolian cooperation and the construction of Hulunbuir as an important bridgehead for the opening up of the “One Belt and One Road” countries to the north;

II. Continue to make efforts in the construction of an international teaching staff and continuously improve the construction of its guarantee mechanism. In the process of education, pay attention to the cultivation and development of students’ humanistic literacy and patriotic feelings;

III. Continue to do a good job in the management and operation of the “Russian as a Foreign Language Level Test Center” and the “Cyrillic’ Language Test Station”, encourage more teachers and students to obtain internationally recognized language level certificates, and lay a good foundation for further studies, employment, and entrepreneurship.

IV. Provide better service of the Port Economic Service Industry College of Hulunbuir University, and provide more high-quality talent support for the Hulunbuir Port economy.

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