

An Exploration into the Integrated Development Path of Colleges and Universities and Regional Economy

Cheng Ding¹, Shuai Chi²

Shihezi University, Shihezi 832003, China

ABSTRACT. *Higher education has always been a necessary condition to train highly skilled personnel, and the development of politics, economy and culture need the existence of highly skilled personnel everywhere. How to integrate universities with industrial development quickly and train talents to meet the needs of economic construction. This paper summarizes the connotation of the association between higher education and regional industrial economy, and on the basis of analyzing the mechanism of the integration of higher education and regional economy, explores the path of the integration of higher education and regional economy*

KEYWORDS: *Education, Regional economy, Development of fusion*

1. Introduction

The flexible setting of specialties in higher education is an important premise to promote the development of regional economy. A good specialty can quickly promote the development of a regional industry. How to promote the smart integration of the two, the most important is how to cope with the new requirements in the development of human resources industry in the period of industrial upgrading and transformation,[1] especially the demand for highly skilled talents. There are new requirements and new cognition in both the acquisition of knowledge and skills. Based on the analysis of the current situation, the relevant departments should focus on human resources and promote the local industry to adapt, and cooperate with other regional industries, in order to compete in the cooperation, cooperation in the competition to win.

2. The Interaction Mechanism between Higher Education and Regional Economic Development

2.1 College Education Promotes Regional Economy

First, higher education can effectively improve the regional economic growth

efficiency and development level. In the process of running a school, it can be closely connected with regional development, imparting scientific knowledge to students, promoting the transformation and reproduction of cultural knowledge into technology application, realizing the transformation of potential productive forces into actual productive forces, and achieving the purpose of serving regional economic development. [2]Centering on the needs of regional industrial development, university education should make appropriate changes in the concept, orientation, management system and mode of running schools, so as to give full play to the role of university education in the transformation, structural adjustment and upgrading of regional economic growth pattern.

Second, college education plays an important role in promoting the optimization and upgrading of industrial structure in ten regions. In the process of talent training, through the theory teaching and practice skills education, makes the educatees personal improve the human capital of laborer matching condition between human capital structure and industrial structure directly affects the development of the regional industrial structure, when the matching degree is higher, ten areas will help the transformation and upgrading of the industrial economy.[3]

Third, higher education shoulders the responsibility of regional talent training and provides a steady stream of power for regional economic development. In order to meet the needs of regional development, we should constantly adjust the structure of winter industry, improve the resource allocation of higher education, and realize the docking between winter industry and regional industry.

2.2 Regional Economy Determines College Education

First, the scale, speed and economic structure of regional economic development determine the scale, direction of running schools and the size and quantity of personnel training. Regional economy, as the material basis of the development of higher education, determines the investment in higher education and the demand for talents, and has a direct impact on the development speed and scale of higher education. The development and change of the structure of the demand for talents in the regional economy will further influence the setting of the winter industry structure and the direction of talent training in the university education. It can be seen that the development of the regional economy directly determines the adjustment and reform of the internal structure of the university education.

Second, the system of regional economic operation determines the management system of higher education. [4]The economic foundation determines the superstructure, and the development of the economy will have a lasting leading influence on the system construction in all aspects of the society. The operation system of regional economy determines the management system of higher education to a certain extent. Especially under the condition of market economy, the market-oriented orientation of higher education is more obvious, and higher education is deeply marked by marketization in its internal management, personnel training objectives and student employment. In a certain regional economic

development environment, college education will inevitably be affected by the regional economic management system, which needs to be gradually adjusted to meet the needs of regional economic development.

Third, the development of regional economy determines the function of higher education. Regional economic development will bring a series of changes in the external environment and the function of education in colleges and universities under the influence of the external environment, the function of education in colleges and universities can only rely on the external environment, and the external environment condition will affect the education function of colleges and universities, therefore, regional economy indirectly determines the function of university education.

3. The Integrated Development Path of University Education and Regional Economy

3.1 The Connection between the Two

First, the university curriculum system and the regional industry development method should carry on the appropriate docking. The curriculum system should be consistent with the strategic starting point of the industry.[5] The strategic thinking of industrial transformation is open, and the curriculum development should also establish an open, targeted and dynamic management concept. Only in this way, the curriculum theory should keep pace with The Times, in order to guide the construction of good majors, promote the deep integration of colleges and universities with regional industries, and realize the strategic goal of having you in each other's company.

Second, the arrangement of professional courses in colleges and universities should be in line with the goal of regional industrial development. From the aspects of curriculum training personnel, teachers, evaluation system, etc., the professional setting must be seamlessly connected with the industrial post group, so as to promote a win-win situation with perfect development. Timely transformation, survival of the fittest, the establishment of a healthy competitive system of survival mode. The research shows that a complete industrial system also needs to promote and support the establishment of majors. The relevant government departments should encourage the development of university education, strengthen the publicity and macro-control, and form a perfect link between the whole process, so that the university education can drive the rapid development of the corresponding industry.

Thirdly, the curriculum structure of colleges and universities is relatively connected with the regional professional standards. In today's society, the first and foremost emphasis on technical personnel is the level of professional level and technical personnel's professional basic knowledge and professional innovation ability. [6]From these three aspects, professional technical personnel are selected. Technical personnel's way of thinking is an important factor of the level of professional innovation ability. Therefore, we must attach importance to the

professional courses of theoretical teaching, and pay attention to the arrangement of effective courses to cultivate students' ability to solve problems and develop ideas and innovation, which requires that the existing working process of backward enterprises should be quickly abandoned.

3.2 Contractual Docking and Cooperation

Under the new situation of realizing the sharing of resources in higher education, promoting the complementary advantages of higher education and enterprises is a new way and a new development model to accelerate the improvement of higher education level. The improvement of education level on the basis of contractual conforms to the modern university education goal, also adapt to the development of college education and personnel training course, at the same time meet the basic requirements for skilled talents, promote the reform of the education pattern in colleges and universities, and to a certain extent for the connection of college education and the market demand perfection, to fundamentally solve the problem of both not fusion.[7]

3.3 College Education Promotion Policies

Through the promotion policies of the university education group, the resources of the government, industry, enterprises, scientific research institutes and institutions of higher learning are integrated, and the collaboration and cooperation among the members of the group of “government, university, industry, enterprise and research institute” are strengthened, so as to significantly improve the level of university education and the level of economic contribution to employment through personnel training. Adhere to serving local economic development as the goal, and gradually strengthen the economic construction of the harmonious inter-school cooperation, centered on professional development, small and medium-sized enterprises as the core of applied talents training of docking as core value, colleges and universities, industry association, the advantages of enterprises, make their respective advantages in the indefectible position, from time to time in the university education resources prospecting, unreasonable places in a timely manner to optimize, efforts to improve education levels, in order to follow the resources complement each other, sharing strategy, culture, science and development purposes, to provide efficient rapid increase of the university education is a new development path, So as to realize the development of regional industry with high efficiency.

3.4 School-Enterprise Interaction Learning Healthy Competition

In order to achieve the goal of university-enterprise cooperation, realize “professional learning goal is to production, production goal is learning” mode of training is imperative, under the education system in colleges and universities, the enterprise staff can more clearly the direction of the industry development, the enterprise timely adjust the industrial structure, promote the optimization of

industrial chain, to promote the development of the economy. The professional setting of the school should adapt to the development of local industries and promote the development of local economy. In order to maintain an unbeatable position in the development of market economy, professionals in hot industries should be trained in universities and technicians in scarce industries should be trained with equal emphasis.

4. Conclusion

With the development trend of world economic integration, the degree of deep integration between universities and regional industries is irreplaceable in the past era. Research shows that the higher the degree of interdependence between universities and regional industries, the more conducive to the improvement of the education level of universities, and the rapid promotion of the sustainable development of regional industrial economy.

Acknowledgement

Project Fund:Phase achievement of Investigation on Status and Experience of XPCC (Xinjiang Production and Construction Corps) Universities and Colleges' Service to Southern Xinjiang -- the 2018 open project funded by XPCC Research Center on Cultivation and Border Guarding, Number: KX0003.

References

- [1] LI Chao (2018). An Exploration into the Functions of Colleges and Universities in Ethnic Minority Areas to Serve Regional Economic and Social Development--A Case Study in Jishou University [J]. Journal of Jishou University, vol. 23, no. 2, pp. 114-116.
- [2] WANG Yang (2016). New Exploration on Development of Service of Regional Economy by Transferred Colleges and Universities from Industries [J]. Journal of chengdu aeronautic polytechnic, vol.34, no. 2, pp. 341-345.
- [3] Wei, Ying (2019). The Construction of Colleges and Universities Library Unified Information System Based on Guangxi Regional Features [J]. Applied Mechanics & Materials, vol.15, no. 3, pp. 362-363.
- [4] Yifeng Z, Chunla L, Jie T, et al (2010). A Study on Tea and Tourism Integrated Development of China in the New Period and Analyses of Its Prospects [J]. Resources science, vol.32, no.1, pp.78-87.
- [5] Saxena G, Ilbery B (2016). Integrated rural tourism a border case study [J]. Annals of tourism research, vol.35, no. 1, pp. 233-254.
- [6] Lei-Ming S (2019). Integrated sports development under the background of the

Pearl River Delta metropolitan region [J]. Journal of Physical Education, vol.16, no. 3, pp. 147-149.

- [7] Shaofu Sun (2019). Strategy Research of High-Speed Railway Promoting Liaoning Regional Economy Development [J]. Lecture notes in electrical engineering, vol.25, no. 4, pp. 93-105.