

Exploration on the Path and Strategy of Promoting the Integrated Development of Education through the Construction of the Practice Base of Entrepreneurship and Innovation Education

Qijun Long^{1,a}, Jiahui Long^{2,b}, Hanchao Feng^{1,c}, Feiyan Liu^{3,d}, Yaolei He^{4,e},
Meichun Yang^{5,6,f,*}

¹School of Innovation and Entrepreneurship, Youjiang Medical University for Nationalities, Baise, Guangxi, China

²Medical College, Xinjiang University of Science & Technology, Korla, Xinjiang, 841009, China

³Youjiang Medical University for Nationalities, Academic Affairs Office, Baise, Guangxi, China

⁴Blood Purification Center of Baidong Hospital, Youjiang Medical University for Nationalities, Baise, Guangxi, China

⁵Affiliated Hospital of Youjiang Medical University for Nationalities, Baise, Guangxi, 533000, China

⁶Nursing School, Philippine Women's University, Manila, 1004, Philippines

^alongqijun248@163.com, ^b15086236222@163.com, ^c79436622@qq.com, ^d1125153963@qq.com,

^eheyaoleiai@163.com, ^fYmc18778699339@163.com

*Corresponding author

Abstract: The purpose of this article is to explore the path and strategy of promoting the development of education integration through the construction of Entrepreneurship and Innovation Education Practice Base in YMJUN. How to promote the construction of entrepreneurship and innovation education practice base in YMJUN under the background of "new medicine" to promote the integrated development of education. Through the construction of the Entrepreneurship and Innovation Education Practice Base, we can better integrate various resources, improve the quality of teaching, and cultivate students' innovative spirit and practical ability. Through theoretical analysis and empirical research, it can provide references and lessons for the integrated development of education in other medical Universities and universities, and promote the innovation and progress of medical education. This article also discusses the challenges and opportunities faced by the integrated development of education, and puts forward relevant suggestions and prospects, providing useful references for medical Universities to promote the construction of entrepreneurship and innovation education practice bases.

Keywords: New Medicine; Entrepreneurship and Innovation Education; Practice Base; Education Integration; Exploration and Practice

1. Introduction

In recent years, with the rapid development of medical field in our country, medical education is also facing new challenges and opportunities. Under the background of new medical science, the practice of entrepreneurship and innovation education has become one of the important directions of college education reform. The practice of entrepreneurship and innovation education refers to an education mode that cultivates students' innovation and entrepreneurship ability, practical ability and comprehensive quality through their participation in innovation and entrepreneurship practice activities. In this context, the construction of a practice base of entrepreneurship and innovation education with local characteristics has become one of the key factors to promote the integrated development of education. The subject of this study comes from YMJUN (YMJUN is short for Youjiang Medical University for Nationalities), which is the only ethnic medicine college in southwest China and has strong local characteristics and medical tradition. The construction of the double innovation education practice base will provide new ideas and paths for YMJUN to realize the integrated development of education. Therefore, this paper aims to explore how to promote the construction of double innovation education practice base of YMJUN under the background of "new medicine", so as to promote the

integrated development of education. The integrated development of education refers to the organic combination of various resources and elements in educational practice to achieve collaborative cooperation and resource sharing, so as to improve the quality and level of education. In the education integration development of YMUN, the construction of the practice base of double innovation education has played an important role in promoting it. The base is not only an important place for students to carry out practical activities, but also an important platform for teachers to teach and research. Through the construction of the double innovation education practice base, YMUN will be able to better integrate various resources, improve teaching quality, and cultivate students' innovative spirit and practical ability. Therefore, the significance of this study lies in the in-depth exploration of the path and strategy of promoting the integrated development of education through the construction of the practice base of entrepreneurship and innovation education in YMUN [1]. Through theoretical analysis and empirical research, it can provide reference and reference for the development of education integration in other medical colleges and promote the innovation and progress of medical education. In addition, this paper will also discuss the challenges and opportunities faced by the integrated development of education, and put forward relevant suggestions and prospects, so as to provide useful references for medical colleges to promote the construction of the practice base of entrepreneurship and innovation education.

2. Literature Review

This paper reviews and analyzes the relevant literature on the construction of the practice base of entrepreneurship and innovation education and the integrated development of education under the background of "new medical science" [2]. Specifically, it includes the connotation and characteristics of entrepreneurship and innovation education, the theoretical basis of education integration and development, and relevant research results at home and abroad [3].

2.1 Connotation and characteristics of entrepreneurship and innovation education

About the connotation and characteristics of entrepreneurship and innovation education, domestic and foreign scholars have carried out many aspects of exploration and elaboration. For example, scholars such as Dior pointed out that mass innovation education is an educational model that combines the spirit of innovation and entrepreneurial ability, aiming to cultivate students' innovative consciousness, entrepreneurial ability and innovative practice ability. Entrepreneurship and innovation education emphasizes the characteristics of active learning, interdisciplinary learning and practical learning, and promotes the cultivation of students' innovative ability through the implementation of innovative activities and entrepreneurial projects.

2.2 Theoretical basis for integrated development of education

As a new concept of educational development, the integrated development of education is gradually attracting people's attention. The integrated development of education emphasizes the integration and utilization of various educational resources, promotes cross-integration and cooperation between different disciplines and different fields, and improves the effect and quality of education. According to researcher Capler, education integration development aims to promote learners' development of multiple intelligences, cultivation of interdisciplinary thinking ability and improvement of innovation ability [4].

2.3 Relevant literature research results at home and abroad

In recent years, researchers have also carried out in-depth exploration of the research results related to the construction of the practice base of entrepreneurship and innovation education and the integrated development of education. Many universities and institutions at home and abroad have established practice bases for entrepreneurship and innovation education, such as the Hasso Plattner Institute of Design at Stanford University in the United States and the Institute of Independent Innovation at Tsinghua University in China. These practice bases are committed to providing a platform for innovation and entrepreneurship education and promoting the cultivation of students' practical ability and innovation ability. In addition, the theoretical basis of the integrated development of education has been widely explored at home and abroad. Education integration development emphasizes interdisciplinary and cross-field cooperation and exchange, advocates the integration of knowledge and

skills of different disciplines, and cultivates students' comprehensive quality and innovative thinking. The researcher Herman et al believes that the integrated development of education needs to build a comprehensive network of educational resources to improve the quality and effect of education [5].

In summary, based on the relevant literature on the construction of the practice base of entrepreneurship and innovation education and the integrated development of education under the background of "new medical science", researchers have conducted extensive research on the connotation and characteristics of entrepreneurship and innovation education, the theoretical basis of the integrated development of education and the construction of practice base. These research results provide us with useful reference and inspiration for the exploration and practice of education integration development in YMUN, and provide theoretical support for the formulation of empirical research programs and the demonstration of experimental results. In the follow-up paper research, we will fully draw on and synthesize these research results, and put forward strategies and suggestions for the construction of the practice base of entrepreneurship and innovation education and the integrated development of education that adapt to the actual situation of YMUN.

3. Theoretical Analysis

With the rise of mass innovation education under the background of "new medical science", the construction of educational practice base has become an important way to promote the integrated development of education. This paper discusses the theoretical basis for promoting the integrated development of education through the construction of the practice base of entrepreneurship and innovation education, analyzes the internal logic of the integrated development of education under the background of "new medical science", and the guiding significance for the construction practice of YMUN, aiming to provide theoretical support for the construction of the practice base and education reform.

3.1 To explore the theoretical basis for promoting the integrated development of education through the construction of entrepreneurship and innovation education practice base

Against the background of the reform and development of higher education at home and abroad, the construction of entrepreneurship and innovation education practice base, as an innovative education mode, has a wide theoretical background and a solid practical foundation. First of all, from the perspective of collaborative education, basic education and higher education have become an important direction of higher education reform. Secondly, the change of modern educational concepts makes students' innovative ability and practical ability become the core elements of talent training, and the construction of the practice base of entrepreneurship and innovation education helps students change from passive acceptance to active participation and practice and innovation. Finally, the implementation of the innovation-driven development strategy has provided a major opportunity for the practice base of entrepreneurship and innovation education, and built a platform for the college to cooperate with enterprises, governments and other social sectors in running schools.

3.2 Analysis of the internal logic of the integrated development of education under the background of "new medicine"

Under the background of "new medicine", the integrated development of education is the internal requirement of the reform of the current medical talent training system. First of all, the diversification and complexity of medical talent training under the new medical background make the traditional single-discipline training model unable to meet the social demand for medical talents. Secondly, with the development of medical science and technology, medical practice is no longer confined to the walls of the hospital, but requires medical students to have a good interdisciplinary and cross-professional comprehensive quality. Therefore, education integration development has become an inevitable choice for reforming medical education, and as an important carrier of education integration development, the practice base of entrepreneurship and innovation education can create more opportunities for cross-border communication and collaborative education.

3.3 Guiding significance of the construction of Entrepreneurship and Innovation Education Practice Base of YMUN

As a medical college in China with ethnic minority characteristics as its main educational direction,

YMUN has unique advantages and opportunities in the construction of entrepreneurship and innovation education practice base and the integrated development of education. First of all, the orientation of YMUN determines that it has a unique value in cultivating medical students' ethnic cultural identity and ethnic medicine inheritance, which provides rich cultural resources for the construction of double and creative education practice base. Secondly, YMUN should give full play to its professional characteristics and regional advantages in the integrated development of education, strengthen cooperation and exchanges with related universities, clinical hospitals and scientific research institutions, form a complete educational consortium, and promote resource sharing and complementary advantages. In addition, the establishment of medical students' entrepreneurship and innovation education practice base can provide students with more opportunities to practice exchanges with the industry and medical institutions, and cultivate students' innovation ability and practical ability.

In short, it is of great significance to explore the theoretical basis for promoting the integrated development of education through the construction of the practice base of entrepreneurship and innovation education, analyze the internal logic of the integrated development of education under the background of "new medical science", and guide the construction practice of YMUN, which is of great significance for promoting the educational reform and personnel training of YMUN. Under the guidance of the integrated development of education, targeted reforms and innovations should be implemented to improve the overall quality of personnel training and make more positive contributions to the training of medical personnel.

4. Research Design

In terms of promoting the integrated development of education through the construction of Entrepreneurship and Innovation Education practice Base in YMUN, this paper designs a set of empirical research program, aiming to deeply understand the impact of the construction of the base on the integrated development of education, and provide effective guidance for promoting its development. The research scheme includes investigation methods, data collection methods and research objects.

4.1 Research Methods

In order to comprehensively understand the status quo and existing problems of the construction of the practice base of entrepreneurship and innovation education in YMUN, this study adopted mixed research methods, including the combination of qualitative and quantitative research methods. The qualitative research method mainly records and analyzes the views and experiences of the interviewees on the construction of the base in detail through interviews and observations. At the same time, the quantitative research method will conduct statistical analysis on the opinions and opinions of different groups such as students, teachers and administrators through questionnaire survey, so as to obtain comprehensive data on the construction of entrepreneurship and innovation education practice base in YMUN to promote the integrated development of education.

4.2 Data Collection

A variety of methods and tools will be used for data collection, including face-to-face interviews, questionnaires and literature research. The face-to-face interview will select the relevant person in charge, teachers and students of YMUN' Entrepreneurship and Innovation Education Practice Base for in-depth exchanges, and listen to their views and suggestions on the construction of the base. The questionnaire survey will be sent to all students anonymously, and the data will be collected and counted one by one, so as to obtain the student group's recognition and satisfaction of the base construction. In addition, the literature research will cover relevant policies and regulations, academic papers and case studies, etc., in order to understand the advanced experience and successful cases of the construction of entrepreneurship and innovation education practice base and the integrated development of education at home and abroad, and provide reference and reference for the practice of YMUN.

4.3 Research object

The subjects of the study mainly include key groups such as students, teachers and administrators of YMUN. Through the investigation and interview of different groups, we can fully and accurately understand the situation of base construction and the impact on the development of education

integration, as well as the direction and ways to solve the problem. At the same time, the research will also pay attention to the differences between individuals of different grades, different majors and different role identities, in order to establish a more accurate research framework and analysis model, and provide specific suggestions for the improvement and perfection of base construction.

In summary, through empirical research design, this study will deeply explore the status quo, problems and influence of the construction of entrepreneurship and innovation education practice base in YMUN to promote the development of education integration, and provide scientific guidance and suggestions for it. Through reasonable selection of research methods, flexible use of data collection methods and clear research objects, it will provide strong support and promotion for the integrated development of education in YMUN.

5. Research results and analysis

This paper presents in detail the experimental results of the construction of entrepreneurship and innovation education practice base in YMUN to promote the integrated development of education, and makes an in-depth analysis and explanation of these results. Through the comprehensive combing and research of the research data, we can reveal the enlightenment and influence of the integrated development of education.

5.1 Research Results

Through the research, it is found that the construction of double innovation education practice base in YMUN has a significant impact on the improvement of students' innovation ability. Through participating in various innovative practical activities, students' innovative thinking has been fully exercised, and their creative ability and creativity have been effectively improved. At the same time, the close combination of practical teaching also enables students to understand and apply the knowledge more deeply in practice, and enhances their practical operation ability. The research results show that the construction of double innovation education practice base in YMUN has also achieved important results in the training of teachers' teaching ability and innovation consciousness. By participating in practical teaching activities, teachers have deepened their understanding and application of modern education and teaching concepts, and mastered more teaching methods and means. In practice, they constantly innovate and improve the teaching content and form, and improve the teaching effect and the quality of students' achievements. At the same time, practical teaching also provides teachers with more opportunities for in-depth communication and interaction with students, and promotes good interaction and cooperation between teachers and students [6].

5.2 Research and Analysis

The results show that the construction of the practice base of entrepreneurship and innovation education in YMUN has also produced positive social benefits in promoting the integrated development of education. Through cooperation with enterprises and social resources, the school is more closely connected with the society, providing students with more internship and employment opportunities. Through the interaction with the practice base, the students have a better understanding of social needs and career requirements, and have adapted to the future development in advance. At the same time, the cooperation between the school and enterprises has also promoted the integration of scientific research and industry, and promoted technological innovation and progress in the medical field.

In summary, the experimental results of the construction of double Innovation education practice Base in YMUN to promote the integrated development of education show that the construction of this base plays a significant role in promoting the cultivation of students' innovative ability and practical ability, and also provides strong support for the improvement of teachers' teaching ability and innovation consciousness. In addition, this practice has produced positive social benefits, promoted the close cooperation between the school and society and enterprises, and promoted the development and innovation in the medical field. Therefore, it is of great significance and value to further promote the construction of double innovation education practice base of YMUN for integrated development of education.

6. Conclusions and Findings

Based on the empirical study of the construction of entrepreneurship and innovation education practice base in YMUN to promote the integrated development of education, this study summarizes the following main research conclusions and findings, and puts forward suggestions and prospects for the construction of entrepreneurship and innovation education practice base in YMUN to promote the integrated development of education in terms of the challenges and opportunities faced by the integrated development of education.

6.1 Innovation and Findings

6.1.1 Importance of integrated development of education

The integrated development of education is one of the important strategies for the construction of the practice base of mass innovation education under the background of "new medical science". Through the construction of the practice base, students can have an in-depth understanding of medical knowledge, master practical skills, cultivate innovative spirit and teamwork ability, and lay a foundation for future medical development and personnel training.

6.1.2 Enlightenment and influence of experimental results on the integrated development of education

The experimental results show that YMUN has achieved remarkable results in the construction of entrepreneurship and innovation education practice base. Students become familiar with medical practice skills in practice and are able to collaborate in teams to complete practical tasks. This provides strong support and practical experience for the integrated development of education.

6.1.3 Challenges and opportunities for the integrated development of education

The integrated development of education is faced with such challenges as fast updating of knowledge, insufficient teaching ability of teachers and shortage of practical teaching resources. However, with the development of information technology and the continuous improvement of social needs, the integrated development of education is also facing more opportunities. Through the continuous innovation of scientific and technological means and cooperation mechanisms, challenges can be overcome and greater progress can be made in the integrated development of education.

6.2 Paths and Policies

6.2.1 Strengthen teacher training and improve the ability of integrated development of education

In view of the lack of teachers' educational ability in the course of integrated development of education, teachers' training should be strengthened to improve their teaching level and practical ability. Through training, teachers can make better use of scientific and technological means and practical teaching resources to promote the all-round development of students.

6.2.2 Increase investment in teaching and improve the level of integrated development of education

Improve the investment in the construction of double innovation education practice base of YMUN, and increase the allocation and update of practical teaching resources. At the same time, we will strengthen cooperation with relevant medical institutions and introduce more practical teaching cases and opportunities to ensure that students can get enough practical experience and skills training.

6.2.3 Promote scientific and technological innovation and transform the mode of integrated development of education

With the continuous development of science and technology, we should actively use scientific and technological means to promote the transformation of education integration development mode. For example, the use of virtual laboratory, distance teaching and other technical means to enrich the practical teaching content of students, improve the teaching effect and students' learning enthusiasm.

To sum up, the construction of double innovation education practice base of YMUN is of great significance to the integrated development of education. Under the background of "new medicine", measures such as strengthening the input of practical teaching resources, improving the level of teacher training and promoting the innovation of scientific and technological means can further promote the integrated development of education and provide better support and guarantee for the training of medical talents and medical scientific research. The integrated development of education faces

challenges, but also brings opportunities. We are confident to contribute to the development of education through continuous exploration and practice.

Acknowledgement

This study has been strongly supported by Youjiang Medical University for Nationalities, the affiliated Hospital of Youjiang Medical University for Nationalities, Beijing Zhiheng Education Technology Co., LTD., as well as the authors and funds of the relevant literature research. I would like to express my highest respect and sincere gratitude!

Funding: The special project of the 14th Five-Year Plan for Education Science in Guangxi in 2022: Exploration and Practice of the Construction of the Practice Base of Entrepreneurship and Innovation Education in the Context of "New Medical Science" (Project number: 2022ZJY2766)

References

- [1] Wei Jie, Xu Shihua, He Lanyan, et al. Discussion on Strengthening Quality Education of medical college students in ethnic areas -- Investigation on basic quality of freshmen in YMUN [J]. *Chinese Journal of Medical Ethics*, 2013, 26(02):228-230.
- [2] Huang Airong, Huang Zhen, Zhu Jianghu, et al. Exploration on the construction of grass-roots teaching organization in medical colleges under the background of "double first-class" -- A case study of Pediatrics Teaching and Research Department of Wenzhou Medical University [J]. *Chinese Modern Physician*, 2019, 61(27):115-118.
- [3] Wei Shuang. Exploration of "Double Innovation" education for Business Enterprise Management major in Higher vocational colleges -- Based on project teaching method [J]. *Journal of Educational Research*, 2019, 3(4):112-113.
- [4] Ji Ziting and Cui Yingchun. Comparison and enlightenment of interdisciplinary talent training modes in world-class universities [J]. *World Education Information*, 2021, (7): 44-49.
- [5] Wang Qiang, Xie Wenmei, Zhou Fengjuan, et al. Teaching reform and practice of integrating medical genetics with innovation and entrepreneurship education [J]. *Basic Medical Education*, 2019, 22(01): 12-14. (in Chinese)
- [6] Zhao Xia; Lin Tianhua; Huo Zheng et al. Multi-dimensional adaptive teaching model based on two-way feedback [J]. *Proceedings of 2018 3rd International Conference on Education and Innovation (EDUINNOV2018)*, 2018:16-20.