

Practice Teaching Mode of Entrepreneurship Education under Internet Plus Mode

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Abstract: With the rapid development of the Internet, the development of Chinese society is becoming more and more diversified. Constantly expanding industry edge With new business opportunities constantly being explored, innovation and entrepreneurship (IAE) has become a new employment choice. The concept of "openness and sharing" is the essential feature of Internet thinking, which also reflects that network entrepreneurship under Internet thinking is an inevitable choice in line with the road of social development. This paper analyzes the impact of various evaluation indicators on online entrepreneurship education under Internet thinking, and constructs the evaluation model of College Students' online entrepreneurship education under Internet thinking by using analytic hierarchy process through questionnaire survey. The results of practical teaching mode show that increasing the application of network education technology in IAE education is more conducive to the sustainable and stable development of entrepreneurship education.

1. Background Significance

With the promotion of entrepreneurship education, the demand for innovative talents in various industries has increased. Promoting entrepreneurship and innovation education in Colleges and universities will be of great significance to social progress, national development and the cultivation of comprehensive quality talents. The Internet has various meanings, and the user population of the Internet is the main body of its participation. Whether technology can directly serve people is only one aspect of the significance of the Internet. In the process of Internet and entrepreneurship education, it is not only the transformation and upgrading of entrepreneurship, but also the formation of a new entrepreneurial model. Therefore, entrepreneurship education with small Internet model is not understood by people to integrate Internet technology with traditional entrepreneurship. More importantly, it is to integrate the concept of Internet into entrepreneurship education to form a more efficient and convenient entrepreneurship education model. Entrepreneurship Education under the Internet mode brings broad and more flexible market choices.

In terms of the realization path of entrepreneurship education, the current domestic research mainly puts forward targeted entrepreneurship education, entrepreneurship practice education, entrepreneurship awareness education, entrepreneurship Park construction and the current situation of entrepreneurship of different types of college students, and puts forward the realization path and Countermeasures to improve entrepreneurship education of college students. Alvarez Hamelin J

discusses the existence of deviation and the incompleteness of the real map, Numerical experiments simulating the deviation exploration on a wide range of network models are used to evaluate their impact on the \$k\$ Score analysis [1]. Slater, D believes that if materiality is necessary for social order, we can effectively investigate what happens in the social environment (Internet Environment), which constantly raises questions about materiality and is not sure what is "thing" [2].

This paper explores the practice teaching mode of entrepreneurship education under the Internet plus mode, and lays a theoretical foundation for the construction of the IAE education system in Colleges and universities, [3]. Through the literature review and comparative analysis of the Internet, entrepreneurship education, practical teaching mode and other key words and themes, we have a preliminary understanding and relatively complete understanding of the existing achievements of IAE education, and conduct research and summary one by one. We hope to analyze the relevant questions comprehensively and pertinently by means of questionnaire survey. The innovation of this study is mainly reflected in the sorting and analysis of Internet thinking, online entrepreneurship education and education evaluation research, and constructs the practical teaching mode of entrepreneurship education under Internet thinking: connecting Internet thinking with entrepreneurship education theory, constructs the evaluation model of entrepreneurship education under the background of Internet thinking; Integrate Internet thinking into the Network Entrepreneurship evaluation system [4-5]. However, the algorithm part of the big data analysis module of the platform needs to be further explored. With the help of Internet plus technology, teaching platform will produce a lot of data such as learning behavior, interaction, background operation and maintenance. These data must be analyzed by AI, and provided to teachers as the basis for teaching adjustment. At present, the research based on big data analysis and student model construction is not deep enough, and needs to be improved.

2. Internet Plus Mode of Entrepreneurial Education Practice Teaching Mode.

2.1 Core concept of Internet + Entrepreneurship Education

As a new educational concept, the essential feature of entrepreneurship education is education, which aims to shape students' critical thinking and cultivate innovative talents who dare to innovate, dare to start a business and have a long-term vision. IAE education is the education of cultivating new talents and creating new things; It is to train students not only to have good professional skills and knowledge and solid practical ability, but also to apply the learned knowledge and skills to the actual production process and innovate. It aims to cultivate pioneering talents who can "think and start a business". The implementation of entrepreneurship education involves multi-disciplinary contents [6-7]. For individuals, receiving IAE education can not only help to improve knowledge reserves and entrepreneurial skills, but also promote individual thinking innovation and practical innovation; For the society, IAE education can help alleviate the employment problem through entrepreneurship and provide more high-quality innovative talents for social development. This study considers that IAE education in the Internet plus mode is a new demand for talents training in the developing society. It is aimed at all entrepreneurial groups and focuses on stimulating students' innovative consciousness and motivation. It aims to cultivate students' innovative and entrepreneurial awareness and comprehensive practical ability in the process of transforming students' knowledge into productive forces. A kind of quality expansion education for students guided by the needs of the development of all aspects of the current society [8].

The Internet plus means a certain level of social change from the bottom structure to the high-level structure, from the economic to the cultural level. It also has great influence on the entrepreneurial education and the closely related activities of the society, which indicates uncertainty. The range and ability of various concepts, logics and theories summarized based on

industrial society to explain various situations in contemporary society and the future are gradually limited. The theoretical significance of the research here is to find and grasp various problems and new situations of current college students' entrepreneurship education through the investigation of college students who have received entrepreneurship education, and try to explore the reasons and put forward corresponding countermeasures from the aspects of college students, colleges and society. The purpose is to find a universal existence that may transcend time and space with the help of the study of typical individuals [9].

As the modern technology and important channel of the development of educational technology, the Internet must intersect with education. It can be said that "Internet plus education" is a new form of education combining Internet technology with education. "Internet plus education" is based on respecting the laws of education, inject new vitality into it, and fully apply the advantages of Internet technology to teaching practice, thereby improving the quality and effectiveness of education [10-11].

2.2 Practical Teaching Theory

Practical teaching is an important part of vocational education. It is a teaching activity that enables students to acquire knowledge and skills and form corresponding meaning construction and behavior attitude through practical activities. The purpose of teaching is to improve students' practical skills. For enterprises, employees recruited by enterprises must master certain basic knowledge and skills. If students can master the corresponding skills and quickly enter the role, they will be more favored by enterprises [12]. Practical teaching includes experimental teaching, practical training teaching and practice teaching. The goal of experimental teaching mainly focuses on the basic operation ability, application and verification. Training teaching is mainly focused on the proficiency of standard actions or standardized processes. Practice teaching is a comprehensive application process of acquiring knowledge and skills in experiments and training activities. Generally speaking, the goal of practical teaching is the cultivation of professionals. Practical teaching is a comprehensive cultivation process of students' professional skills, learning ability and professional quality.

3. Internet Plus Mode Entrepreneurship Education Research

3.1 Research Methods

By designing the questionnaire of entrepreneurship education, this paper focuses on the understanding of entrepreneurship education, the demand for entrepreneurship education, and the problems existing in entrepreneurship education, and makes statistics and data analysis of the information survey with the help of relevant tools.

3.2 Data Processing and Analysis

In this paper, SPSS 22.0 software is used to count and analyze the questionnaire results, and t-test is carried out. The t-test formula used in this paper is as follows:

$$t = \frac{\bar{c} - \mu}{\frac{\sigma}{\sqrt{n}}} \quad (1)$$

$$t = \frac{\bar{C}_1 - \bar{C}_2}{\sqrt{\frac{(r_1 - 1)S_1^2 + (r_2 - 1)S_2^2}{r_1 + r_2 - 2} \left(\frac{1}{r_1} + \frac{1}{r_2}\right)}} \quad (2)$$

Where formula (1) is a single population test, which is the average number of samples, s is the standard deviation of samples, and R is the number of samples. Formula (2) is a double population test, and the sum is the two sample variance, and 1 and 2 are the sample size.

4. Internet Plus Mode Entrepreneurship Education Survey And Research Analysis

4.1 Demand Survey

Experts and excellent teachers in IAE education were selected for interview. Focusing on the Internet plus competition, the experience of College Students' IAE education project and the formation of teaching mode, the paper focuses on the analysis of problems and difficulties, and finally forms a questionnaire.

According to the questionnaire issued by students, the teaching practice of entrepreneurship education under the Internet plus mode, 2050 valid questionnaires were collected. With regard to IAE projects and competitions, the current situation of teachers and students were investigated respectively. Through setting up the main problems encountered in IAE or competitions: there are teams but there is no creativity, there is creativity but can not find suitable teammates, there is no creativity and can not find suitable teammates, there is no guidance teacher, want to study a problem but lack professional knowledge It is difficult to investigate and analyze the specific innovation needs and innovation of college students in the current entrepreneurship education platform, but they do not know how to participate in the innovation competition. Through prerequisite interviews and research, six core aspects of platform construction - information, teaching, team formation, sharing, project, incubation and other modules are selected for in-depth identification analysis.

4.2 Questionnaire Data Analysis

(1) The analysis of students' participation in IAE projects and competitions in different grades is shown in Table 1 and figure 1.

Table 1: Situation and willingness of students of different grades to participate in IAE projects or competitions

	Freshman	Sophomore	Junior	Senior
Yes	7%	28%	49%	55%
Yes, but I didn't want to participate	79%	58%	44%	40%
I haven't participated and I don't want to participate	5%	7%	8%	6%

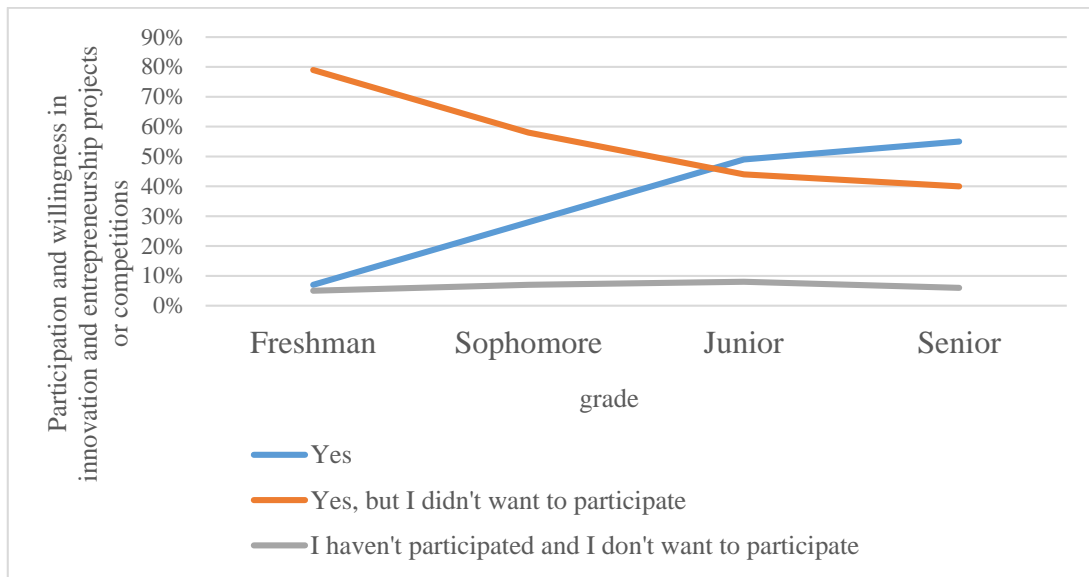


Figure 1: Situation and willingness of students of different grades to participate in IAE projects or competitions

From the data chart, we can see that grade one and grade two rarely participate in IAE projects or competitions, and have strong demands to participate. 79% and 58% of the students who have not participated and want to participate respectively, and the number of students who have participated is gradually increasing from grade one to grade four, The main reason is the gradual opening of the innovative and entrepreneurial courses for college students and the promotion of Internet plus college students' IAE training and Challenge Cup. There are still 5% - 8% of students who are not interested in college students' IAE projects and competitions. It is worth pondering how to carry out IAE education for this part of students!

(2) Next, investigate whether it is helpful for the current entrepreneurship courses and participated in Entrepreneurship competitions.

Four options are given: the first is very helpful; The second is helpful, but not very helpful; The third is that I haven't participated in the competition. It's not clear, but the course content should be helpful; The fourth is not helpful. The results showed that 41% of the students said they were very helpful to entrepreneurship; 34% of the students said it was helpful to start a business, but it didn't help much; 21% of the students said they had not participated in the competition and were not clear, but the course content should be helpful; 4% of the students said that it was not helpful to start a business. The survey results are shown in Figure 2.

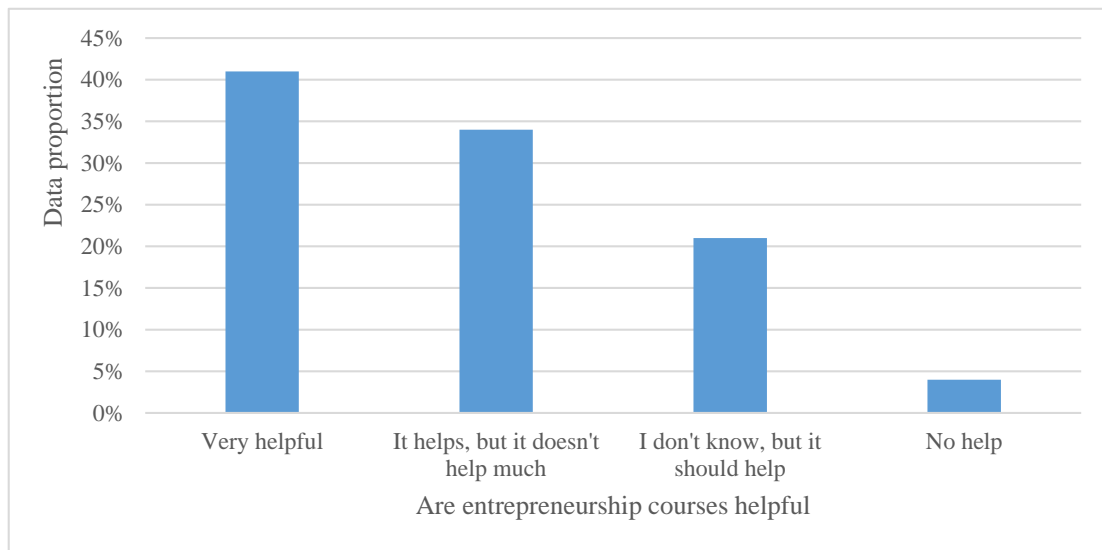


Figure 2: Are entrepreneurship courses helpful

5. Conclusions

With the rise and development of the Internet, a special way of entrepreneurship - Network entrepreneurship has gradually formed. Informatization and networking have deeply changed the global production pattern and brought new markets and new entrepreneurial opportunities. In particular, convenient technology, rich financing channels and easy to replicate mature business models have reduced the threshold of entrepreneurship and attracted people to invest in entrepreneurial activities.

The state is vigorously promoting entrepreneurship education. In the implementation of entrepreneurship education for students, higher vocational colleges are gradually exploring the education mode that belongs to and is suitable for the development of their own colleges. To do a good job of entrepreneurship education, we should mainly improve the level of entrepreneurship education from the aspects of entrepreneurship education curriculum, entrepreneurship education support and guarantee system, entrepreneurship education feedback system and entrepreneurship education practice, From the curriculum setting as the foundation of entrepreneurship education, the practice training of entrepreneurship Park as the logistics support, with Entrepreneurship tutors as the backing and entrepreneurship support system as the support, students can feel the general environment of entrepreneurship education in the school after entering the school, edify and stimulate their enthusiasm for entrepreneurship through the entrepreneurship environment outside the school, and make them better invest in the learning of entrepreneurship education courses, Training entrepreneurial skills in studios and various competitions, forming better entrepreneurial projects, staying in the entrepreneurial park for incubation, so that entrepreneurial talents are no longer fighting alone in the early stage of the project, which solves many worries for them. Through the rationalization of entrepreneurship education mode, higher vocational colleges have formed an entrepreneurship education system with support in curriculum, assistance in projects, guarantee in system and platform in practice. It is hoped that through the continuous improvement of entrepreneurship education, the needs of entrepreneurs can be met, and the implementation of entrepreneurship projects can be grasped, so as to make entrepreneurship education deeply rooted in the hearts of the people, so as to make entrepreneurship education get the broad support of the society and make entrepreneurship education develop healthily.

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References

- [1] Alvarez-Hamelin J, Dall'Asta L, Barrat A, et al. *K-core decomposition of Internet graphs: hierarchies, self-similarity and measurement biases*[J]. *Networks & Heterogeneous Media*, 2017, 3(2):371-393.
- [2] Slater, D. *Making things real: ethics and order on the internet*[J]. *Theory Culture & Society*, 2019, 19(5-6):227-245.
- [3] V Barba-Sánchez, Atienza-Sahuquillo C. *Entrepreneurial intention among engineering students: The role of entrepreneurship education*[J]. *European Research on Management & Business Economics*, 2018, 24(3):53-61.
- [4] Fellnhöfer K, Kraus S. *Examining attitudes towards entrepreneurship education: a comparative analysis among experts*[J]. *International Journal of Entrepreneurial Venturing*, 2017, 7(4):396-411.
- [5] Simon, Bridge. *Is "entrepreneurship" the problem in entrepreneurship education?*[J]. *Education + Training*, 2017, 59(7/8):740-750.
- [6] Warhuus J P, Tanggaard L, Robinson S, et al. *From I to We: Collaboration in Entrepreneurship Education and Learning?* [J]. *Education and Training*, 2017, 59(3):234-249.
- [7] Ahmed T, Chandran V, Klobas J. *Specialized entrepreneurship education: does it really matter? Fresh evidence from Pakistan*[J]. *International Journal of Entrepreneurial Behaviour & Research*, 2017, 23(1):4-19.
- [8] Fox J, Pittaway L, Uzuegbunam I. *Simulations in Entrepreneurship Education: Serious Games and Learning Through Play* [J]. *Entrepreneurship Education & Pedagogy*, 2018, 1(1):61-89.
- [9] Liguori E, Winkler C, Winkel D, et al. *The Entrepreneurship Education Imperative: Introducing EE&P*[J]. *Entrepreneurship Education and Pedagogy*, 2018, 1(1):5-7.
- [10] Li J Q, Yu F R, Deng G, et al. *Industrial Internet: A Survey on the Enabling Technologies, Applications, and Challenges*[J]. *IEEE Communications Surveys & Tutorials*, 2017, 19(3):1504-1526.
- [11] Paul I B. *Assessing Entrepreneurship Education for Skill Acquisition and Job Generation by Business Education Students in Bayelsa State, Nigeria*[J]. *International Journal of Education, Culture and Society*, 2017, 2(1):1-5.
- [12] Razzaque M A, Milojevic-Jevric M, Palade A, et al. *Middleware for Internet of Things: A Survey*[J]. *IEEE Internet of Things Journal*, 2017, 3(1):70-95.