Analysis of Virtual Enterprise-based Education Pattern for University Students' Innovative Undertaking

Ping Zhang
School of Mechanical and Electrical Engineering
Guilin University of Electronic Technology
No. 1 Jinji Road, Guilin, Guangxi 541004, China
pingzhang@guet.edu.cn

Yinghong Zhang
School of Mechanical and Electrical Engineering
Guilin University of Electronic Technology
No. 1 Jinji Road, Guilin, Guangxi 541004, China
zyh1433@sina.com

Abstract—Nowadays, the market competition is increasingly fierce, employers have gradually improved assessment criteria for talents, and college students expand constantly, so it is difficult for talents who just have graduated from university to find suitable jobs. In order to alleviate employment pressure on and stimulate economic activity, China has carried out a series of policies to promote entrepreneurship, encourage college students to make use of their own advantages to achieve self-employment and promote economic development. Therefore, it is very necessary to introduce the entrepreneurship education into modern higher education system. The paper conducts research on education pattern for university students' innovative undertaking combined with virtual enterprises and puts forward some strategies for effective development.

Keywords—virtual enterprise; university students' innovative undertaking; education pattern; evaluation system

I. INTRODUCTION

Because the era of knowledge economy based on information technology has put forward higher requirements for talents, and the number of college students is increasing, the pressure of employment competition is increasing, and the whole society presents the situation of talent supply exceeding demand. In essence, it is caused by the gap between China's whole society presents the situation of talent supply exceeding demand, and college students expand constantly, so it is difficult for talents who just have graduated from university to find suitable jobs. In order to alleviate employment pressure on and stimulate economic activity, China has carried out a series of policies to promote entrepreneurship, encourage college students to make use of their own advantages to achieve self-employment and promote economic development. Therefore, it is very necessary to introduce the entrepreneurship education into modern higher education system. The paper conducts research on education pattern for university students' innovative undertaking combined with virtual enterprises and puts forward some strategies for effective development.

Entrepreneurship education is a kind of innovative educational thought, is mainly carried out for undergraduates who are of entrepreneurial thinking and entrepreneurial intention in China, mainly involving entrepreneurial skills impartation, identification of entrepreneurial environment, etc., is of traditional university education characteristics, and can provide better life positioning and career planning for college students [1-2].

Entrepreneurship education is a kind of innovative educational thought, is mainly carried out for undergraduates who are of entrepreneurial thinking and entrepreneurial intention in China, mainly involving entrepreneurial skills impartation, identification of entrepreneurial environment, etc., is of traditional university education characteristics, and can provide better life positioning and career planning for college students [1-2].

II. OVERVIEW OF ENTREPRENEURSHIP EDUCATION AND VIRTUAL ENTERPRISE

A. Concept and connotation of entrepreneurship education

In a narrow sense, "entrepreneurship" is understood as "to create a cause", which is supported by many experts and scholars who even believe that "entrepreneurship" is the establishment of enterprises, and to obtain huge economic benefits. Such view clearly shows differences between Chinese culture and Western culture. In western culture, "entrepreneurship" is regarded as the process of value exploration, accumulation and creation, and an enterprise does not have to be big, but will realize self-worth finally. In contrast, in Chinese culture, the understanding to "entrepreneurship" is of strong utility [3].

In fact, there is no essential difference between "entrepreneurship" and employment. Entrepreneurship is a more high-end employment, which not only meets individual employment demand, but also provides jobs for others, having greater contribution to the social economy, and more obvious promoting effect on productivity. China has clearly put forward promoting effect on productivity. China has clearly put forward "entrepreneurship" and employment. Entrepreneurship is a more high-end employment, which not only meets individual employment demand, but also promotes employment strategy of "driving the employment by entrepreneurship", and a series of policies promoting effect on productivity. China has clearly put forward promoting effect on productivity. China has clearly put forward "entrepreneurship" and employment. Entrepreneurship is a more high-end employment, which not only meets individual employment demand, but also promotes employment strategy of "driving the employment by entrepreneurship", and a series of policies promoting effect on productivity. China has clearly put forward promoting effect on productivity. China has clearly put forward "entrepreneurship" and employment. Entrepreneurship is a more high-end employment, which not only meets individual employment demand, but also promotes entrepreneurship education into colleges and universities must strengthen the awareness of entrepreneurship, and pay attention to practical teaching.
Advances in Social Science, Education and Humanities Research, volume 195

B. Unsound teaching environment

Construction of the teaching environment includes two aspects, i.e. hardware and software. Hardware includes teaching equipment and facilities, project funds, teachers, while software is the college students' entrepreneurship education philosophy, cognition, pattern, etc.

C. Single teaching form

Most colleges and universities still take traditional teaching standard, incorporate entrepreneurship education into conventional theory courses, and involve most of the knowledge of incoherent marginal content, even some content conflicting with the facts. On the one hand, it is difficult to understand, and on the other hand, the entrepreneurship education course is out of joint with entrepreneurial practice and professional courses so that the students think the entrepreneurship education course is not essential, and are easy to be tired, which is disadvantageous for the development of entrepreneurship education.

IV. VIRTUAL ENTERPRISE-BASED ENTREPRENEURSHIP EDUCATION QUALITY EVALUATION INDEX

Virtual enterprise-based quality evaluation of entrepreneurship education is not only the verification to the function of entrepreneurship education, but also the way to test whether current index system adopted by colleges and universities is reasonable. I will analyze from the three aspects below.

A. Students

Students are the key to entrepreneurship education quality evaluation index system and the subject of teaching function of virtual enterprise. Given that students are influenced by internal and external reasons, i.e. self-recognition and social influence respectively. Therefore, two main indexes, i.e. students' personality and educational background should be set. Students' personality can be divided into two three-level indexes, i.e. entrepreneurial interest and practical sensitivity, and the education background can be divided into three three-level indexes, i.e. training experience, entrepreneurial foundation and work experience.

B. Universities

The degree of support and the breadth involved determines both the basis of quality of entrepreneurship education and the effectiveness of application of virtual enterprise. I conclude that the quality evaluation index of colleges and universities includes four aspects, i.e. teaching method, entrepreneurship culture, curriculum system and teacher background.

C. Enterprise

Cooperation between school and enterprise is an effective model of entrepreneurship education experience, which combines the talent education and talent practice, and reduces the economic cost of the talents training for the universities and enterprises. On the premise of small businesses, the realization of entrepreneurship education security model mainly includes project input, construction of interactive platform, entrepreneurship contest and practice base for enterprise's quality evaluation.

V. VIRTUAL ENTERPRISE-BASED EDUCATION PATTERN FOR UNIVERSITY STUDENTS' INNOVATIVE UNDERTAKING CONSTRUCTION STRATEGY

Just as its name implies, "virtual enterprise" refers to a kind of enterprise which does not exist in reality but possesses the function of entity. From the perspective of students, "virtual enterprise" is a resource recombination mechanism and an emulation mode to realize artificially created commercial simulation environment and be used for entrepreneurship practice in teaching environment through the integration of internal and external environment.

In general, carrying out entrepreneurship education in higher education is to provide more practice capital for the employment of college students so that they can face the challenges more leisurely. However, entrepreneurship education merely emphasizes that only establishing a business in market is a success. I tend to regard the entrepreneurship education as the expansion of knowledge and skills, the accumulation of work experience and the promotion of mental ability. Under the background of popular education, competitive advantage of college students is becoming smaller and smaller, and it can be predicted that "entrepreneurship education" will become an important research area in higher education.

ACKNOWLEDGMENT

The authors acknowledge financial support provided by the Undergraduate Teaching Reform Project of Guangxi Higher Education (Grant No. 2016JGA201 and 2018JGB192), Innovation Project of GUET Graduate Education (Grant No. 2018XWYJ02) and supported by GUET Degree and Postgraduate Education Program.

REFERENCES