

On the Construction of Teaching Staff in Higher Vocational Colleges under the Background of Innovation and Entrepreneurship

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Abstract. The state to promote innovation and entrepreneurship education reform, higher vocational education level put forward higher requirements, higher vocational colleges should cultivate innovative talents as the goal, deepen the reform of education and teaching. The role of vocational college teachers five important aspects in the reform and innovation and entrepreneurship education of higher vocational college teachers, then aiming at the existing problems, combined with Sichuan Areospace Vocational College in innovation and entrepreneurship education reform practice teaching construction experience, puts forward some countermeasures and suggestions.

Introduction

General secretary Xi Jinping put forward in 2014 China new normal economic development theory, its core viewpoint is: "from high growth to the rapid growth; the optimization and upgrading of economic structure; from factor driven, investment driven to innovation driven". In this case, especially modern new technologies such as big data, just unfolding, cloud computing, artificial intelligence and other 2 disruptive technology to the traditional industry, post industry, will have a huge impact, a large number of new industries, new industries, new jobs, new jobs continue to emerge, the urgent need to develop a lot of innovative talents the spirit and awareness of entrepreneurship and innovation ability. In 2015, Premier Li Keqiang proposed to "public entrepreneurship, innovation" slogan, lift the upsurge of innovation and entrepreneurship, innovation and entrepreneurship in Higher Vocational Colleges as an important base of personnel training, should also be a clear understanding of the situation, the implementation of a comprehensive reform, to better serve the innovation and entrepreneurship, improve education quality, boost economic quality and efficiency, the upgrading of the structure. In 2015 the State Council "on the deepening of higher education innovation and entrepreneurship education reform implementation opinions" clearly put forward: to strengthen the teachers' innovation and entrepreneurship education teaching ability construction, the consciousness and ability of teachers' innovation and entrepreneurship as the pre job training, training courses, training backbone of the important content. This indicates the direction for the construction of the teaching staff in higher vocational colleges, and is also the requirement of the construction of the teaching staff in Higher Vocational Colleges under the modern vocational education system.

The Necessity of Teaching Staff Construction in Higher Vocational Colleges under the Background of Innovation and Entrepreneurship

Innovation and entrepreneurship education for all students, into the whole process of personnel training, to cultivate high-quality skilled talents innovative spirit and entrepreneurial consciousness and innovation ability, must be in the quality of personnel training standards, curriculum system, teaching evaluation methods of three aspects of the reform. The implementation of this requirement. There are a lot of work to do, and to strengthen innovation and entrepreneurship teachers team

construction is the focus of the urgent need to address the teachers' ability and the level of construction to some extent determines the success or failure of the reform.

Establish the Dynamic Adjustment Mechanism of the Quality Standards of Professional Training

Higher Vocational Colleges' entrepreneurship education reform should establish training objectives of Higher Vocational Colleges and the location of the dynamic adjustment mechanism is mainly based on the positioning of higher vocational education, in line with regional positioning (industry) demand for technical talents in industrial development, service oriented and innovation and entrepreneurship education goal, carry out professional research and professional talent training scheme demonstration meeting regularly, scientific and professional construction planning and annual work plan etc.. This requires the teachers in higher vocational colleges should not only a better understanding of the development of regional industry, familiar with the frontier, master the latest technology, and be able to combine vocational college students and school conditions, timely adjustment of professional training objectives and quality requirements.

Perfecting the Innovation and Entrepreneurship Education Curriculum System

The traditional curriculum system of higher vocational education is not innovation and entrepreneurship courses in higher vocational education reform requires not only the development of innovation and entrepreneurship, innovation and entrepreneurship courses offered some relevant and elective courses, and included in the credit management, but also in the professional courses of the organic integration of innovation and entrepreneurship education, which requires a lot of work for teachers in higher vocational colleges, higher vocational teachers should to adjust the content of curriculum, imparting professional knowledge in the process of mining and full of innovation and entrepreneurship education related content, revising the curriculum teaching plan and curriculum standards, key curriculum related teaching materials also need academic leaders, industry experts jointly compiled. In addition to the construction of innovative entrepreneurship education quality course information, teachers need to be familiar with MOOC courses, micro courses and other online open curriculum development processes and tools. The construction of curriculum system is the key and difficult point of innovation and entrepreneurship education reform.

Teaching Methods and the Need for Reform

The traditional teaching methods and assessment tools to students to master the knowledge and skills, often ignore the cultivation of students' critical and creative thinking, the teachers are rarely the leading technology, research results and practical experience into the classroom, the students' lack of innovation inspiration, according to the statistics of college students in developed country within three years after graduation to entrepreneurship 20%, China is less than 2%, which shows that the Chinese college students' innovation and entrepreneurship work also has great potential. On the other hand, vocational examination content is rigid and single, pay attention to students' knowledge and memory ability, the ability to use knowledge to analyze and solve problems is often not the investigation or do not pay attention to cultivate "Gaofendineng" students, the graduates to the society, it is not good to adapt to the society. This requires teachers to carry out a wide range of elicitation, discussion, participatory teaching, put forward the academic development and research achievements and the case into the classroom and focus on the cultivation of students' critical thinking and creative thinking, stimulate innovation and entrepreneurial inspiration. The reform of the content and methods of examination and examination, to explore non-standard answers, get rid of high score low-energy ills.

Problems Faced by Teachers in Higher Vocational Colleges in Innovation and Entrepreneurship

In recent years, with the development of higher occupation education in our country, the quantity and quality of teachers in higher vocational colleges have been significantly improved, but also exist with the social and economic development, and not suited to the problem, especially in the context of innovation is particularly prominent, mainly in the following aspects:

Higher Vocational Teachers' Awareness of Innovation and Entrepreneurship Education Is Not Enough

A large part of teachers in higher vocational colleges, although know from the news media, on the network to the national policy and examples about innovation and entrepreneurship, but often think this is the universities, research institutes, enterprises do, and not really aware of the higher occupation education is one of the main battlefield of innovation and Entrepreneurship education, vocational colleges in training "new public entrepreneurship, innovation". In addition some professional teachers heavy light employment, innovation and entrepreneurship, innovation and entrepreneurship is that innovation and entrepreneurship teachers, pay attention to professional teaching, and to cultivate students innovative consciousness and ability.

SELF Knowledge Architecture

Many teachers from higher vocational college graduates, although the level of solid theoretical basis, but no business experience, for enterprise management is utterly ignorant of, in the teaching process, it is difficult to achieve such a theory with practice, the students' innovation and entrepreneurship guidance work is often a mere formality. Innovation and entrepreneurship education is a very practical teaching activities, not only need to have a comprehensive, rich theoretical knowledge, but also need practical and effective practice guidance.

Scientific Research Achievements of Teachers Team Is Not Much

Higher vocational colleges had always attached importance to theoretical teaching and practical skills training, teachers mainly in teaching, scientific research project is mainly research on education and teaching philosophy, humanities research, natural science, engineering and technology research projects less, resulting in the relevant results are less than that of inventions, such as the breakthrough technology products etc.. In this way, not to mention the transformation of scientific and technological achievements, leading students to innovation and entrepreneurship.

Countermeasures and Suggestions on the Construction of Teaching Staff in Higher Vocational Colleges

The Adjustment of Teachers' Educational Ideas and Goals

Taking Sichuan aerospace Career Academy as an example, the main measures taken following four aspects: one is the innovation and entrepreneurship mobilization meeting held throughout the hospital, in-depth study and interpretation of the "Office of the State Council on deepening the reform of Higher Education Implementation Opinions" countries such as innovation and industry related policies; two are actively organize students to participate in the first "Internet Chinese" College Students' innovation and entrepreneurship competition, innovation and entrepreneurship to expand the influence and campus atmosphere; three is through extensive exchanges and jointly carry out innovation and entrepreneurship and local youth league, labor and employment security departments sharing. The chamber of Commerce, science and Technology Bureau in cooperation with local and technical reform for teachers to participate in the enterprise upgrade project, increase vocational teachers in innovation and entrepreneurship in the sense of participation; the four is "Introduction to the school, the school hired experts to teachers and students of innovation and entrepreneurship

seminars, such as human resources and Social Security Department of Sichuan Province jointly organized by college students entrepreneurial guidance into campus activities, invited the deputy director of the employment training center of Sichuan province Huang Chunsheng and Chengdu University of Electronic Science and Technology Professor, doctor of management, Sichuan Tongli (golden letter) investment company chairman, provincial business mentor Yuan Cheng in the school speech, has produced good results in the majority of teachers and students.

Strengthen Teacher Training

The hiring of 12 entrepreneurs as part-time teachers and alumni of innovation and entrepreneurship, innovation and entrepreneurship into outside experts can only solve the long-term as pressing danger of the teachers of the school, improve the ability of innovation and entrepreneurship education only through the training of teachers, has sent 38 people in Sichuan Province, Chengdu City, entrepreneurial training SYB Department of human resources and social security organizations, and to obtain a certificate of training; every year the school requires professional teachers to enhance practical ability training, such as the Department of electronic engineering, 2016 hired technical experts, 20 teachers were embedded product design training for one month; in addition the school year will send teachers to the aerospace science and technology group company for a year of testing exercise so far, has sent 12 passengers, these teachers to the project construction enterprise management, participate in business, Technical research, has now formed three research results Sichuan Aerospace Group, the patent of the five, to carry out innovative projects of the five.

Strengthen the Project Leading Role

The Institute has made "scientific research incentives", "project management approach", "patent management measures", to encourage teachers to declare all levels of education scientific research project by the aerospace industry vertical, backed by the powerful, combined with enterprise technology development, driven by the papers, monographs, patent number, quality improvement.

Summary

The entrepreneurship education reform and innovation in higher vocational colleges is a long-term task, as China's implementation of the innovation driven strategy, economic restructuring and upgrading, a long way to go, go. Higher vocational colleges should seize the opportunity, meet the difficulties, vigorously promote the construction of teaching staff, strengthen the connotation construction, improve the quality of education and teaching, to provide the community with more innovative and entrepreneurial awareness and ability.

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