

# Research on Information Education Reform of Private College Students' Practical Innovation Ability in 5G Era

Liyuan Guo

Xi'an Peihua College, Xi'an, Shaanxi, 710125, China.

---

**Abstract:** Educational informatization is a new product after the effective integration of higher education and advanced information technology. Under the current educational background, the educational system of some private colleges and universities has failed to keep up with the pace of the development of the times, and there are obvious shortcomings in many aspects such as teaching links, subject setting, innovative practice, etc., which is one of the main reasons for the poor connection between college students' professional ability and comprehensive ability and market demand. In this paper, firstly, the author makes a detailed analysis of the performance and shortcomings of private universities in China in the cultivation of students' practical and innovative ability, and then makes an in-depth discussion on the effective path of implementing practical and innovative teaching reform in private universities for reference.

**Keywords:** 5G era; Private colleges and universities; Practical ability; Reform in education

---

**Fund Project:** This paper is based on the 2020 project of the 13th Five Year Plan of Shaanxi Education Science: Research on the Reform and Innovation of Shaanxi Private Colleges and Universities' Education Mode in the 5G Era; Subject approval No.: SGH20Y1469.

## Introduction

With the advent of big data and 5G era, all industries in the society have achieved deep integration with technology and driven the society to make great progress. At the moment when the pace of development is fast, there is still a large demand for high-tech and high-quality talents from all walks of life, and the access threshold for some industries is also rising. Today, 5G technology is becoming more and more popular. How to make full use of high-tech information technology to help colleges and universities cultivate practical and innovative talents is one of the important issues facing us.

## 1. Relevant performance of private colleges and universities in cultivating students' practical and innovative ability

### 1.1 Innovative teaching system has not been improved

First of all, there are obvious drawbacks in the educational system of many private colleges and universities. At the level of professional curriculum, it is easy to see the imbalance between theoretical knowledge courses and practical courses<sup>[1]</sup>. In this case, it is difficult to achieve the goal of practical innovation education. Some private colleges and universities will classify practical and innovative courses as non compulsory courses, and in the process of actual teaching, teachers and students involved in learning are not motivated enough to pay enough attention to the courses. Although the name of the course is labeled "practice", there is no or no practice link, and only traditional classroom teaching is relied on when imparting knowledge .

### 1.2 Teachers are insufficient and teaching philosophy needs to be improved

Compared with public universities, especially key universities, private universities have relatively poor teacher resources. Some private universities employ some retired teachers or other part-time teachers from public schools to teach. Because most of the part-time teachers are teachers from other schools, it is difficult to maintain enough enthusiasm for the teaching work in private colleges and

universities, and the enthusiasm for innovative teaching is also obviously insufficient when there are some teaching tasks. However, due to their age and other problems, retired teachers are difficult to keep up with the changes in the industry, and lack sufficient understanding of the practice and innovation fields closely related to social practice. In the course of teaching, it is impossible to give students in-depth and thorough explanations based on changes in the industry and theoretical knowledge. In addition, these teachers are used to the traditional and outdated teaching mode, and the teaching process is not flexible enough. In this case, many of the knowledge learned by students only stays at the book level, which is seriously divorced from practice.

## **2. Relevant ways to implement practical and innovative teaching reform in private colleges and universities**

### **2.1 Effectively improve the practice and innovation teaching system**

Some universities have established innovation and entrepreneurship guidance departments for students, which is conducive to improving the professional quality of students with innovative practice intentions. The purpose of establishing a network information sharing platform in colleges and universities is to help students formulate practical business plans and career plans, and provide more market employment information and related trends for the majority of students. Introduce the method of "excellent alumni", so that some graduates with excellent performance can form a "pass on, help and guide" support combination with students. In terms of school management, we will continue to improve and optimize the flexible school system. For students who really need to start their own businesses, we can appropriately adjust and relax the credit system, length of schooling and other basic contents, such as increasing the length of their online learning, taking advantage of the technological advantages of 5G Internet, to some extent, we can weaken the restrictions on students' time and region, and we can consider the patents. The results of papers or practical activities shall be carefully reviewed, and those who are qualified in performance shall be given the opportunity to transfer credits. This can help students who are interested in entrepreneurial activities and practical innovation activities to reduce some of the pressure on their studies to the maximum extent, and at the same time, promote them to maintain long-term enthusiasm for diversified learning and practical activities.

### **2.2 Strengthen the introduction of innovative talents**

In the 5G era, in order to effectively improve students' practical and innovative ability, private colleges and universities need to change and reform the traditional education concept. As for the concept of running private colleges and universities, from the previous setting of professional structure with educational resources as the development orientation to the adjustment of professional structure with market demand as the development orientation. As the executor of teaching activities, teachers' educational ideas also greatly affect the improvement of students' innovation ability. Only the scientific transformation of teachers' educational ideas can be more conducive to the cultivation of students' self-learning ability, and then from passive digestion and acceptance of knowledge changes to active and active learning activities. As a teacher, in addition to having enough theoretical knowledge and practical experience, we should also have a deep control over the development trend of our industry and the employment prospects of students. Only when the teaching level of teachers in private colleges and universities has been greatly improved can they provide scientific guidance to students in their practical work, clarify the obstacles they face in their study, help them establish their own learning goals, and have a clear understanding of their future employment and entrepreneurship direction.

## **3. Conclusion**

With the rapid development of social information technology, college education in the 5G era needs to be truly market oriented and cultivate more practical and excellent talents. The effective method of using big data can promote the reform and innovation of the existing teaching model, guide college students to participate in learning independently, and use the method of combining theoretical knowledge with practical experience to enable students to have a keen innovation ability.

## **References:**

- [1] Li Bin. Innovative Exploration on Network Informatization Construction of Grassroots Party Building in Private Colleges and Universities in the Internet Era [J]. Rural Agricultural Farmers, 2020 (20): 3
- [2] Wang Xiaoyan. Research on the Development Status and Practice of Education Informatization in Private Colleges and Universities [J]. Market Weekly · Theory Edition, 2021 (38): 2

## **About the author:**

Liyuan Guo (October 1987), Han nationality, female, Zhengzhou, Henan, master's degree candidate, lecturer, research direction: film and television production.