

# A Practical Discussion on Integrating Local red Cultural Tourism Resources into the Teaching of Ideological and Political Courses in Colleges and Universities with the Support of VR Technology

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**Abstract:** In the era of rapid development of information technology, colleges and universities should follow the pace of The Times when carrying out ideological and political course teaching, and use advanced information technology to improve the quality of classroom teaching. Colleges and universities can use VR technology to integrate local red cultural tourism resources into the teaching of ideological and political courses, and provide students with immersive experience education opportunities, so as to enrich the educational resources of ideological and political courses in colleges and universities, innovate educational forms, and strengthen students' sense of learning experience. Based on this, this paper first analyzes the current development status of ideological and political courses in colleges and universities, and then puts forward practical strategies for integrating local red cultural tourism resources into the teaching of ideological and political courses in colleges and universities with the support of VR technology, in order to provide references for improving students' ideological and moral level and promoting the development of ideological and political courses in colleges and universities.

**Keywords:** VR technology; Red resources; Ideological and political courses

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Ideological and political education is of great significance to the growth and development of students. Improving the teaching quality of ideological and political courses in colleges and universities and integrating local red cultural tourism resources with VR technology can not only enrich students' learning resources, but also provide a new direction for the subsequent teaching development of colleges and universities. At present, there are many local red cultural tourism resources all over the country, and these red cultures are one of the important components of our socialist core values. Integrating them into the education of ideological and political courses in colleges and universities can better enable students to understand our ideology and culture, broaden their horizons and ideas, and thus improve the teaching effect of ideological and political courses. In the current era of rapid development of science and technology, combining local red cultural tourism resources with ideological and political courses in colleges and universities through VR technology can break the drawbacks of traditional education, stimulate students' learning interest, and thus promote the further development of ideological and political education.

## 1. Development status of ideological and political courses in colleges and universities

### 1.1 Students have little interest in ideological and political courses

As far as the current situation of ideological and political course teaching in Chinese colleges and universities is concerned, although some schools attach great importance to this course, and the credits of ideological and political course are high, students do not pay enough attention to it when learning, and their interest in ideological and political course is not high. At present, many college students do not have sufficient understanding of the country's development needs and development trend, and only stay at the surface level of learning ideological and political courses, thinking that it is enough to get credits, so they lack enthusiasm for learning and have a deep and comprehensive understanding of the course content<sup>[1]</sup>. In addition, when carrying out ideological and political

lessons in colleges and universities, teachers often adopt the method of large-class teaching, which means that different small classes are organized together and classes are held in large classrooms. At this time, the number of classes is often large, and teachers cannot timely supervise and manage the students who are slack in learning, which also affects the teaching quality of ideological and political lessons to a certain extent.

## **1.2 The teaching mode is single and fails to keep pace with The Times**

In the course of ideological and political teaching in colleges and universities, the teaching content is mostly theoretical and literal knowledge, and students often feel boring when learning this kind of knowledge, which affects their learning efficiency. In addition, a large number of colleges and universities always adhere to the teaching mode of theoretical teaching, that is, teachers talk and students listen, the communication and interaction between teachers and students are insufficient, and the teaching method is too simple, which can not mobilize the enthusiasm of students. In addition, although the content of ideological and political courses has strong philosophical reason, it is not closely related to students' daily life, and students often find it difficult to understand its content, which also restricts the development of ideological and political courses in colleges and universities to a certain extent.

## **2. Practical strategy of integrating local red cultural tourism resources into the teaching of ideological and political courses in colleges and universities with the support of VR technology**

### **2.1 Change thinking and improve information literacy**

In order to give full play to the advantages of VR technology and improve the quality of classroom teaching, teachers of ideological and political courses in colleges and universities need to first learn VR technology knowledge and improve their teaching informatization. VR technology is a high degree of information technology, which mainly uses modern information technology to simulate three-dimensional space, and interact with the user's visual, auditory, tactile and other senses. As the main leader in the application of VR technology, teachers are not only required to have a high professional quality, but also put forward certain requirements for teachers' information literacy. Only when teachers can skillfully operate VR technology, can they deeply integrate local red cultural tourism resources with the teaching content of ideological and political courses in colleges and universities<sup>[2]</sup>. In view of this, colleges and universities need to carry out professional training for teachers and incorporate virtual simulation technology into the training content of ideological and political teachers, so as to improve their professional and information literacy.

### **2.2 Integrate resources to create thematic courses**

In order to integrate local red cultural tourism resources into the teaching of ideological and political courses in colleges and universities with the support of VR technology, teachers need to integrate all educational resources according to the specific teaching content, so as to create thematic cultural courses, and use this to educate students and improve their ideological and moral level. At present, it is difficult for students to learn some theoretical content in ideological and political courses. In this regard, teachers can integrate resources based on these important and difficult knowledge, and create highly targeted virtual practice thematic courses based on VR technology, so as to improve students' learning effect and classroom quality.

For example, when teaching the content of "being a loyal patriot in the new era", teachers can use VR technology to establish a virtual simulation experience platform and combine some local red cultural travel resources with teaching knowledge of important and difficult points to improve classroom practice. For example, the Bloody Battle Xiangjiang Memorial Hall in Yueyang City, Hunan Province is one of the most famous local red cultural tourism resources in China. Teachers can use VR technology to build a scene of Xiangjiang Battle for students, so that students can participate in the war with VR technology and actually experience the "most tragic, solemn and brilliant" World War I in the history of the Red Army's Long March<sup>[3]</sup>. Through this way of scene reproduction, students can better understand the teaching spirit and teaching connotation, so as to promote the improvement of students' emotional value, so that students can truly understand the hard-won peace at present, and strengthen students' patriotic feelings.

### **2.3 Make full use of the platform to achieve deep integration**

In the process of the integration of local red cultural tourism resources and ideological and political courses in colleges and universities, VR technology has various application forms. In this regard, teachers should open their own ideas and make flexible use of VR platform, so as to continuously deepen the deep combination of local red cultural tourism resources and teaching content. In this regard, teachers need to conduct in-depth research on VR technology, improve their own application level of VR technology, so as to fully grasp the VR platform and realize the comprehensive application of VR platform. For example, with the support of VR technology, teachers can carry out virtual teaching, 3D image playback, scene reproduction and other teaching modes, carry out

content and form information innovation in teaching work, and allow students to gain different sensory experience in the VR virtual practice process, and strengthen the learning and understanding effect of students<sup>[4]</sup>.

For example, when teaching the relevant content of “Chinese Spirit”, teachers can reproduce the grand scene of the founding ceremony in Tiananmen Square in Beijing with the help of VR technology, so that students can visit the site of the founding ceremony in the virtual three-dimensional space, so as to build a good learning atmosphere for students, stimulate students’ national pride, and experience the great rejuvenation spirit of the Chinese nation. Let students understand the true meaning of “casting the soul of the nation with the Chinese spirit”, so as to improve the quality of classroom teaching. The main advantage of using VR technology to innovate and optimize ideological and political courses in colleges and universities is to stimulate students’ learning enthusiasm and subjective initiative by means of immersive experience, so that students can change from passive knowledge acceptance to active knowledge exploration, which is a new teaching innovation. Moreover, the interactive advantage of VR technology can also turn one-way transmission into two-way interaction, improve the classroom interaction between teachers and students, enable students to enter the deep learning state, arouse the true emotional understanding of students, and understand, absorb and practice the learned knowledge from the inside out. In addition, the application of VR technology can also make good use of local red cultural tourism resources, create a good learning environment for students, and improve the classroom teaching effect.

### **In Summary:**

All in all, under the VR technology, the integration of local red cultural tourism resources with college ideological and political courses can not only enrich students’ learning resources, but also mobilize their learning enthusiasm and enthusiasm. Through virtual practice, students’ inner motivation can be stimulated and teaching quality can be improved. In addition, this method can effectively break the bottleneck of teaching practice of traditional ideological and political courses, promote its educational reform and innovation, so that students can understand history, recognize history, master history, firm faith, cultivate feelings, lay a solid foundation, and strengthen students’ moral concepts and cultural literacy in the process of practical experience.

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