

The Application of Ningxia Cultural Characteristics in the Renovation of Study Rooms in Northern Nationalities University

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Abstract: Study room has an important learning function in colleges and universities, and the design of its spatial environment and the application of cultural elements have an important impact on students' learning effect and learning experience. This study aims to explore the application of Ningxia cultural characteristics in the study room renovation of Northern Nationalities University, analyze its application value and the dilemmas it faces, and put forward corresponding application strategies. It is found that the application of Ningxia cultural features in study room remodeling can enhance students' independent learning atmosphere, carry forward the traditional culture of Ningxia, promote cross-cultural exchanges and understanding, and enrich the construction of campus national culture. Meanwhile, space constraints and design challenges, remodeling budget and resource constraints, students' cultural identity issues, and the challenge of balancing culture and function are the dilemmas faced in the application. To cope with these dilemmas, strategies are proposed in terms of rational planning of space, integration of Ningxia cultural elements, innovative design, strengthening of education and publicity, and combining modern technology to create a functional self-study environment.

Keywords: Ningxia cultural characteristics; Study room remodeling; learning atmosphere; Cross-cultural communication

With the popularization and diversification of higher education, the learning environment and the way students work on campus are becoming increasingly important. As a place for students to study independently on a daily basis, the study room is of great significance in providing a good learning atmosphere and cultural construction. In this university of Northern University for Nationalities, Ningxia, as a multi-ethnic and multi-cultural region, is rich in unique cultural characteristics. Applying Ningxia's cultural characteristics in the remodeling of the study room can not only enhance the students' learning atmosphere, carry forward the traditional culture of Ningxia, promote cross-cultural communication and understanding, but also enrich the construction of ethnic culture on campus.

1. The application value of Ningxia cultural characteristics in the transformation of self-study rooms in the Northern University for Nationalities

1.1 Enhance the atmosphere of self-study

The application of Ningxia cultural characteristics in the remodeling of study rooms in Northern University for Nationalities will enhance the atmosphere of self-study and bring far-reaching positive effects. Study room is not only a place for students' self-study, but also a part of students' daily life, so it is very meaningful to introduce Ningxia cultural characteristics in the school. The use of traditional Ningxia cultural elements in the study room, such as traditional paintings, handicrafts and folk songs and music, can create a strong regional cultural atmosphere for students, stimulate their enthusiasm for learning and sense of belonging, and help to improve their motivation and self-consciousness in learning, thus enhancing the effect and quality of self-learning.

1.2 Promote the traditional culture of Ningxia

Ningxia cultural characteristics in the study room remodeling of Northern University for Nationalities helps to promote the traditional culture of Ningxia. Study room is an important carrier of the school's cultural construction and inheritance, and the integration of Ningxia traditional cultural elements in the study room, such as national totems and ancient legends of Ningxia characteristics, not

only presents students with a colorful cultural landscape, but also provides a platform for the dissemination of Ningxia traditional culture [1]. Students exposed to these cultural elements and traditions in the study room will subconsciously receive the influence and inculcation of the traditional culture of Ningxia, thus enhancing their sense of identity and love for the traditional culture of Ningxia.

1.3 Enriching the construction of ethnic culture on campus

As a national university representing multiple cultures, it is important to emphasize the inheritance and development of culture. Incorporating Ningxia's cultural characteristics into the study room renovation not only provides a platform to showcase Ningxia's culture, but also adds impetus and highlights to the university's national culture construction. By setting up a display area of Ningxia culture in the study room, the school can allow students to fully understand and experience the traditional arts, handicrafts and customs of Ningxia. Students are able to visit the display area in person to learn about Ningxia's cultural background, historical stories and ethnic characteristics in between their study sessions or while studying.

2. Dilemma of applying Ningxia cultural characteristics in the transformation of study rooms in Northern Nationalities University

2.1 Space limitation and design problem

In the study room renovation of Northern Nationalities University, the application of Ningxia cultural features will face space limitations and design challenges. Firstly, study rooms are usually limited spaces, so when applying Ningxia cultural features, it is impossible to show all the elements related to Ningxia culture in a limited space, which will lead to the need to make choices and trade-offs in the application process. Secondly, the design challenge of the study room is also a challenge. The application of Ningxia cultural features needs to be organically integrated with the existing study room design in order to create an environment with regional characteristics and cultural atmosphere. However, there is the problem of how to balance the relationship between cultural elements and learning needs.

2.2 Remodeling Budget and Resource Constraints

In the application of Ningxia cultural characteristics, there are remodeling budget and resource limitations. The remodeling of study rooms requires a large amount of budget investment, including the procurement of cultural elements, the cost of design and remodeling, and so on. However, the school's budget is limited, and finding suitable resources is also a problem. The display of Ningxia cultural characteristics requires specific artworks, decorations or cultural displays, and the access to these resources will be limited and cannot be satisfied in a short period of time. In addition, how to find people with experience in the inheritance and display of Ningxia culture to participate in the remodeling and design of the study rooms, as well as the subsequent maintenance and management, is also a problem that needs to be considered.

2.3 Challenge of Balancing Culture and Function

As a place of study and rest, the study room must maintain the atmosphere and functionality of study while incorporating Ningxia cultural features. How to provide students with an environment that reflects Ningxia culture while meeting their learning needs? If the elements of Ningxia culture are overemphasized, it will affect students' learning. On the other hand, if the characteristics of Ningxia culture are not emphasized enough, the remodeling of the study rooms will not have an obvious atmosphere of Ningxia culture and will not be able to achieve the expected results. In addition, different students have different learning and cultural needs, some students prefer a quiet learning environment, while others prefer a place with a vibrant and communicative atmosphere. How to balance functional needs and Ningxia cultural characteristics in the remodeling of study rooms to meet the diverse needs of students is an issue that needs to be carefully considered and balanced.

3. Application strategies of Ningxia cultural characteristics in the transformation of study rooms in Northern Nationalities University

3.1 Reasonable planning of space and integration of Ningxia cultural elements

The transformation of study rooms in Northern Nationalities University should reasonably plan the space and integrate Ningxia cultural elements. First of all, the cultural elements should be carefully selected and arranged to fully show the characteristics of Ningxia culture. For example, hanging paintings of Ningxia national characteristics on the walls of the study room or placing traditional handicrafts, effectively displaying the charm of Ningxia culture in the limited space. Secondly, the techniques of spatial design are utilized, such as using tapestries, curtains, carpets and so on to create the unique ethnic flavor of Ningxia, and setting up a special corner for displaying and introducing the history, customs and traditional festivals of the Ningxia culture [2]. In addition, the

layout of the study room should be rationally planned to organically combine Ningxia cultural elements with learning functions. For example, a cultural display area is set up in the corner of the study room, while books and materials are provided so that students can understand and study Ningxia culture while studying. Add patterns or renditions of Ningxia cultural characteristics on the desktop or walls of the study room, so that students can feel a strong Ningxia cultural atmosphere while studying and increase their interest and enthusiasm in studying.

3.2 Innovative design to show the essence of Ningxia culture

The remodeling of the study room of the Northern University for Nationalities should be innovatively designed to show the essence of Ningxia culture. First of all, modern display means and technologies are utilized to combine Ningxia cultural characteristics with technological elements. For example, projectors or tablet computers are utilized to display traditional art performances or ethnic musical instruments of Ningxia in the form of audio-visual display to show students the charm of Ningxia culture. Secondly, innovative decorative design and lighting effects create a comfortable, cozy and characteristic space related to Ningxia culture^[3]. For example, special lighting effects are used to create the night market style of Ningxia or the magnificent scenery of the Yellow River, so that students can feel the unique charm of Ningxia culture during self-study.

3.3 Combining modern technology to create a functional study environment

The renovation of study rooms in Northern Nationalities University should combine modern technology to create a functional study environment. First of all, modern technical equipment and software are used to enhance the study environment of the study room. For example, intelligent equipment is applied to provide personalized study suggestions and resource recommendations so that students can study more flexibly and efficiently. Combined with the application of Ningxia cultural characteristics, educational software or learning platforms related to Ningxia culture are developed to enable students to learn and understand Ningxia culture in a digital way^[4]. Second, virtual reality (VR) and augmented reality (AR) technologies are utilized to create an immersive Ningxia culture experience for students. For example, applying VR technology to simulate the natural landscape of Ningxia makes students feel as if they were there, experiencing the beauty and uniqueness of Ningxia. Applying AR technology to display information and stories related to Ningxia culture in specific areas of the study room provides an interactive learning experience that enhances students' understanding of and interest in Ningxia culture.

4. Conclusion

The remodeling of study rooms in Northern Nationalities University should be combined with modern technology to create a functional study environment. First, modern technological equipment and software are used to enhance the study environment of the study room. For example, intelligent equipment is applied to provide personalized study suggestions and resource recommendations so that students can study more flexibly and efficiently. Combined with the application of Ningxia cultural characteristics, educational software or learning platforms related to Ningxia culture are developed to enable students to learn and understand Ningxia culture in a digital way. Second, virtual reality (VR) and augmented reality (AR) technologies are utilized to create an immersive Ningxia culture experience for students. For example, VR technology is applied to simulate the natural landscape of Ningxia, so that students can feel as if they were there and experience the beauty and uniqueness of Ningxia.

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