

Research on the Innovative Development of College Art Education in the Intelligent Era

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Abstract: The rapid development of intelligent technology is reshaping the development model of all walks of life, and college art education is no exception. Facing the opportunities and challenges brought by the intelligent age, art education in colleges and universities must carry out innovative development. This paper focuses on the main problems faced by art education in colleges and universities in the intelligent age, and puts forward innovative development countermeasures. On the one hand, the lack of innovation in curriculum and teaching content, the mismatch between students' skill needs and teaching resources, and the disconnection between the evaluation system and the intelligent era have become the main bottlenecks restricting the development of art education in colleges and universities. On the other hand, innovating the curriculum and teaching content, optimizing the allocation of teaching resources, and improving the evaluation system will help to meet the development requirements of the intelligent age, and enhance the timeliness and foresight of college art education.

Keywords: Intelligent age; College art education; Innovative development

Introduction:

The advent of the intelligent age has brought new opportunities and challenges to education. The intelligent technology is reshaping the form of education, and the traditional educational concept and model are facing great pressure of reform. As an important part of talent training, college art education needs to keep pace with The Times, innovate and develop, so as to better meet the needs of the intelligent age. This paper will focus on the main problems faced by art education in colleges and universities in the intelligent era, and put forward corresponding innovative development countermeasures to contribute to the transformation and upgrading of art education in colleges and universities.

1. Problems faced by art education in colleges and universities in the intelligent era

1.1 Lack of innovation in curriculum and teaching content

In this rapidly changing age of intelligence, the traditional curriculum and teaching content seem to be slow and unable to keep pace with The Times. The curriculum arrangement lacks forward-looking and innovative ideas, which can not meet the growing demand for complex and innovative artistic talents in the intelligent era. For example, in the visual arts major, the curriculum still stays in the traditional painting, sculpture and other fields, and lacks cutting-edge content such as emerging digital art and virtual reality. This makes it difficult for students to master the application of intelligent technology in artistic creation. At the same time, the teaching content also fails to absorb the latest developments of art development in time, and lacks the characteristics of The Times and the spiritual core of contemporary art, so that the knowledge learned by students is disconnected from the needs of social practice. This lack of innovation has seriously restricted the development of art education in colleges and universities, and also affected the improvement of the quality of art talent training.

1.2 The mismatch between students' skill needs and teaching resources

The rapid development of intelligent technology has brought earth-shaking changes to the way of art creation and communication, and has also brought new changes to the skill requirements of art talents. However, the allocation of teaching resources of art education in colleges and universities is seriously insufficient, which cannot satisfy students' thirst for new skills such as intelligent technology

application ability and cross-border integration ability. The professional level of the teaching staff needs to be further improved, and their ability to integrate intelligent technology and art teaching is insufficient, which is difficult to provide all-round skills training for students. In terms of hardware facilities, many universities lack advanced intelligent art laboratories, virtual reality creation platforms, etc., and students cannot master new technologies and tools through practice. This lack of teaching resources restricts the all-round development of students' various skills, resulting in a large gap between the cultivated artistic talents and the actual needs of the society.

1.3 The disconnection between the evaluation system of art education and the intelligent era

At present, the evaluation system of art education in colleges and universities still follows the traditional evaluation mode, paying too much attention to the assessment of students' knowledge mastery, but neglecting the training of innovative thinking ability and practical ability. However, in the era of intelligence, profound changes have taken place in the creation methods and communication channels of art works, and the evaluation system should naturally adjust accordingly, paying more attention to students' innovation, practicality and application ability of intelligent technology. For example, in the comprehensive evaluation, we should not only examine students' professional knowledge, but also pay attention to their ability to solve practical problems with new technologies. We should not only examine the work itself, but also examine the innovative concept and intelligent presentation means of the work. However, the existing evaluation system is difficult to fully adapt to this development trend, and there are obvious lags and obsolescence, which restricts the innovative development process of college art education.

2. The innovative development countermeasures of college art education in the intelligent era

2.1 Innovative curriculum and teaching content, reflecting the characteristics of the intelligent era

Facing the coming of the intelligent age, art education in colleges and universities must keep pace with The Times, innovate the curriculum and teaching content to meet the development needs of the new era. It is imperative to optimize the curriculum system, and it is necessary to add courses on the integration of intelligent technology and art to cultivate students' cross-border integration ability^[1]. For example, courses such as "AI Art creation" and "Digital Media Art Design" can be set up, so that students can master the methods of using intelligent technologies such as artificial intelligence and virtual reality to create art, and improve the sense of science and technology and innovation of art works. At the same time, the teaching content also needs to keep pace with The Times, integrate the cutting-edge theories and practice cases of art and intelligent technology, and improve the timeliness of the teaching content. Teachers can invite industry experts to give lectures to introduce the latest application of intelligent technology in the field of art, so that students can understand the development of the industry. We can also analyze some classic art works created by intelligent technology, analyze the creation concept and technology application, and inspire students' innovative thinking. In addition, it is necessary to introduce diversified teaching methods, such as virtual reality (VR) technology, artificial intelligence (AI) assisted teaching, etc., to improve the scientific and technological level of teaching. The use of VR technology can create an immersive art creation environment for students and enhance the learning experience. Ai-assisted teaching can push personalized learning resources and improve teaching efficiency. In short, innovating the curriculum and teaching content is a key step for college art education to integrate into the intelligent era and cultivate compound talents.

2.2 Optimize the allocation of teaching resources to meet students' skill needs

In order to cultivate students' artistic innovation ability to adapt to the intelligent age, optimizing the allocation of teaching resources is the basic guarantee. First of all, colleges and universities need to increase the investment in information teaching resources and provide students with rich digital teaching materials and auxiliary tools. Online course resources including art theory, creative techniques and case studies can be built to facilitate students to learn anytime and anywhere. It is also possible to develop AI-based virtual teaching assistants to answer questions for students and push personalized learning resources^[2]. Secondly, universities need to improve the construction of practical training bases to provide students with places for artistic creation and intelligent technology practice. Can build a digital art creation studio, equipped with the latest 3D modeling, animation rendering and other hardware and software equipment; Build a virtual reality laboratory to support VR art creation and display; Construction of artificial intelligence laboratories to support AI-assisted art design and other practical activities. Finally, colleges and universities need to pay attention to the construction of teachers, introduce cross-border composite teachers, and improve teachers' information-based teaching ability. You can hire artists and technical personnel to form a teaching team, both artistic attainments, and proficient in intelligent technology. At the same time, strengthen the information training of in-service teachers, improve the ability to use intelligent technology to teach, and ensure that the teaching concept and method keep pace with The Times. Only by optimizing the allocation of teaching resources and meeting students' demands for intelligent technology application and cross-border integration, can the integration of art education

and the intelligent age be truly realized.

2.3 Improve the evaluation system to adapt to the development of art education in the intelligent era

With the advent of the intelligent era, the evaluation system of art education needs to be improved and innovated to meet the development needs of art education under the new situation^[3]. First of all, it is necessary to reform the evaluation content. In addition to assessing students' mastery of art theoretical knowledge, students' innovative thinking ability, practical application ability and intelligent technology application level should also be emphasized. Artistic creation should not stop at imitation, but also reflect the spirit of innovation, so the ability of innovative thinking is one of the key points of evaluation. At the same time, art education emphasizes the combination of theory and practice, and students' practical application ability cannot be ignored. In addition, intelligent technology is increasingly penetrating into all aspects of art creation, art education evaluation must also reflect the characteristics of The Times. Secondly, it is necessary to innovate the evaluation methods, adopt process evaluation, diversified evaluation, etc., to comprehensively assess the comprehensive quality of students. In the past, the final evaluation paid too much attention to the result and ignored the learning process. Therefore, it is necessary to introduce the process evaluation to dynamically track students' learning status through multiple dimensions such as classroom performance and homework completion. At the same time, it adopts diversified evaluation methods, such as teacher evaluation, peer evaluation, self-evaluation, etc., to avoid the one-sidedness of a single evaluation subject. Finally, it is necessary to integrate evaluation resources and realize the precision and intelligence of art education evaluation with the help of intelligent technologies such as big data and artificial intelligence. Through data collection and analysis, we can fully grasp students' knowledge and ability level, and provide basis for personalized teaching and evaluation. Using artificial intelligence technology, it can also automatically score and generate comments, etc., to improve evaluation efficiency. In short, a perfect evaluation system will effectively promote art education to keep pace with The Times and adapt to the development trend of the intelligent era.

Conclusion:

The intelligent age has brought new opportunities for the development of art education in colleges and universities, and also put forward higher development requirements. Only by actively promoting innovation and development can art education in colleges and universities keep up with the pace of The Times and cultivate outstanding artistic talents who meet the needs of society. In the future, college art education will play a more important role in serving the national development strategy and meeting the people's needs for a better life through continuous innovation.

References:

- [1] Zhang Lei. Research on Innovation and Development of Intelligent Ideological and Political Education in Colleges and Universities under the background of digital intelligence Era [J]. Journal of Liaoning College of Communications,2023,25(03):63-66.
- [2] Wu Yuchun. The Innovative Development of college Art Education in the Era of Intelligence [J]. Beauty and Times (Middle),2021(06):95-96.
- [3] Sheng Ming. Discussion on College Art Design Education in the Digital Age [J]. Times Education,2021(09).

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