

# Analysis of the Path of Deep Integration of AI and College Aesthetic Education in the Era of "Artificial Intelligence+"

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## ABSTRACT

Aesthetic education in colleges and universities, as an important means of education, is an important part of China's efforts to actively promote students' comprehensive literacy. The coming of "AI+" era brings new opportunities to the practice of this work, providing a rich and colorful resource base for aesthetic education, a platform for aesthetic education to display, and a multi-dimensional research space for aesthetic education. According to the reform of the curriculum and teaching mode of aesthetic education, the new ways of aesthetic education practice in the era of "AI+" are discussed from four aspects: teaching subject, teaching content, teaching method and teaching evaluation.

**Keywords:** Artificial intelligence; Aesthetic education; merge

## 1. INTRODUCTION

Today, the world is in the process of rapid political, economic, cultural and educational development and change, especially the outbreak of the New Crown epidemic, which has accelerated the global digitalization process and is changing the world development pattern. The era of unprecedented changes in a hundred years is approaching, and a new round of technological revolution and industrial change is becoming an important force driving economic and social development. Science and technology innovation will play a crucial role in reshaping the world landscape and leading future human development. The loss of low-cost advantage, accelerated population aging, and the reversal of global policies will force China to make timely strategic deployments for the future, and the education sector needs to respond to the times and reshape the future education ecosystem. The era of "AI+" has given many new functions, elements and characteristics to the teaching of aesthetic education. In this new intelligent aesthetic education environment, college students can experience beauty from all aspects such as visual, auditory and tactile senses, immerse themselves in the experience of beauty in the learning and interaction of the intelligent platform, gradually form aesthetic judgment, improve aesthetic appreciation, realize diversified aesthetic interests, promote their all-round development,

use the new technical means to realize the inculcation of aesthetic education, art education and emotional education, and It is an inevitable requirement for higher education to meet the pace of the times, and an important way and means to realize the all-round development of college students. In the era of "artificial intelligence+", the managers and instructors of aesthetic education are faced with responsibilities and challenges, and they can make bold exploration and reform in promoting the integration of industry and education, art and science, innovative design and creative thinking; in order to respond to the rapid development of industry and industry, and based on the concept of facing up to the new technology and the use of AI, we propose the reform of aesthetic education teaching. In order to comply with the rapid development of industry and industry, suggestions and response strategies are put forward for the reform of aesthetic education.

## 2. THE PRACTICE OF "ARTIFICIAL INTELLIGENCE + TEACHING SUBJECT"

No matter what kind of reform is carried out in aesthetic education, the status of the teaching subject will never change, and the teaching subject of aesthetic education includes the educator and the educated, and in the era of "AI+" this issue is first discussed from the educator. The educator can be discussed from two levels, one is the teacher in the era of "artificial intelligence +",

as a teacher of Civics, to start from the self, focusing on the inner beauty. The inner beauty mainly includes inner knowledge and inner beauty, "artificial intelligence +" era teachers should liberate their own thinking, keep up with the times, only to understand the latest culture of the new era to distinguish between true and false, good and evil, beauty and ugliness, and then guide students to appreciate the knowledge of beauty, appreciate the culture of beauty. The beauty of the heart is a special occupation of teachers must hold the "induction card", teaching and educating people, teachers bear the greatest cause of the motherland in the new era, the doctor doctor body, and the teacher doctor heart, the beauty of the teacher's heart will have a profound impact on students. Therefore, to strengthen their own knowledge system and enrich their cultural life is an essential task for teachers of aesthetic education, and it is an indispensable task to deeply purify their own hearts and be the guiding light of the new era. From the outside, focus on the unity of external and internal beauty, every word and deed is a reflection of the quality of civilization of teachers, no matter where they are, they must remember the mission and professional ethics of teachers. Second, the teaching team in the era of "artificial intelligence +", the new era is an era of competition and cooperation, but also cooperation and sharing is highly respected era, as teachers, both their own development and teaching development, need to rely on the team, cooperation and win-win. College students can use unlimited network resources to expand their own channels to obtain aesthetic education materials, and they can also set up groups to communicate with each other. In practice, sometimes communication in virtual space is better than communication in real space in terms of freedom and authenticity. As the saying goes, in addition to the guidance of teachers, the practice of aesthetic education also requires the friendship of several friends, and the communication between peers is often closer to each other and more effective. However, because of the young age of the educated, they may not be able to distinguish the beauty and ugliness of reality, so the guidance of the teacher and the design of excellent teaching contents are also very important.

### **3. THE PRACTICE OF “ARTIFICIAL INTELLIGENCE + TEACHING CONTENT”**

In addition to the participation of the subject, a wonderful lesson also has excellent content design, "artificial intelligence +" era makes the design of the content becomes exceptionally rich, mainly due to the continuous progress of technology, the development of aesthetic education must rely on the prosperity of the new era of network resources, therefore, the design of an aesthetic education class mainly refers to two aspects. First, the technical level of content design, the traditional Civics class aesthetic education content design is

relatively single, just a simple form of didactic, students do not raise their heads in class rate. The design of aesthetic education class in the new era should make full use of network technology, so that the single content can be presented in various forms before the eyes of college students, such as the appreciation of ancient Chinese poetry, which can be presented in the form of text, and the fonts of text can be various, different fonts give different feelings, regular script gives people a sense of solemnity and solemnity, such as Yan Zhenqing's "Qinli Stele"; cursive script gives people a sense of flowing and spontaneous, such as Huaisu's "Self-Synthesis Post"; Semi-Cursive Script gives people a sense of dash and movement, such as Wang Xizhi's "Lanting Preface", which can be converted to the Internet instantly, just by downloading the font library. In addition to the textual form, it can also be accompanied by pictures, recitation, and even the use of flash technology to create corresponding small animations to show the beauty of ancient Chinese poetry in a more vivid form. Second, the content design at the knowledge level, aesthetic education seeks to find beauty, present beauty, and sublimate beauty, so the content of an aesthetic education class needs a lot of thought to be conceived in order to achieve the aesthetic effect. For example, an aesthetic lesson on a classic masterpiece of traditional culture can only explain its modern meaning, writing background, and relevance, or it can be interpreted in a different way, using modern stage effects, so that students can immerse themselves in it and only have the most profound sense of tangibility. During the Spring Festival of 2018, CCTV screened a variety show "Classical Singing", which uses modern songs and modern tunes to sing classical masterpieces, and sings "Men should be strong" to make people's blood boil and be full of pride; singing "When the youth is strong, the country is strong" "The singing of "The Yellow River comes from the sky" makes people instantly infected by Li Bai's bold will. .... Internet era is reflecting the advertising line "How big the heart is, how big the stage is", we have to use rich teaching content to fill the gaps of traditional beauty education, is the new practice of beauty education way.

### **4. THE PRACTICE OF “ARTIFICIAL INTELLIGENCE + TEACHING METHOD”**

The reform of teaching methods has been the top priority of college education reform in recent years, and the popularity of Internet brings new opportunities for the reform of teaching methods. The biggest change in the era of "AI+" is the change of the status of educators and educated people in the teaching process, from the previous "one-way education" to the modern "interactive education". "We have been making efforts to make this change but with little success, but the widespread use of the Internet has produced many highlights in the university classroom. First, the use of the Internet to build a network of open learning platforms, such as micro-

classes, catechism, flipped classroom, online open class, etc., the expansion of student choice, increased interest, will change the previous annoyance of the form of lectures on Civics. Second, the opening of a dedicated network platform for on-campus aesthetic education courses, and the mature platform can also be shared nationwide, putting more, better and newer aesthetic education resources on this platform, and using mobile apps as a bridge to set time slots to examine beauty with students. For example, some mobile teaching assistant apps, which have recently become popular in major universities, can directly create classes online. The app will automatically generate class invitation codes, and then send the class invitation codes to students, who can then download the app and become a member of the online class. On this platform, teachers can easily manage the class, post messages to interact with students at any time, send resources to share with students at any time, use the time saved from managing students to organize more excellent course resources, stimulate students to study independently and consciously, and do surveys to track the progress and extent of learning, making the traditional class interesting. Third, we make full use of the social platforms built by college students, such as microblogs, blogs, WeChat public numbers, QQ space, school intranet, etc., to actively evaluate their aesthetic objects, and then subconsciously guide their aesthetic interests, share all the beautiful things around them, and improve the aesthetic cognition of every college student in the actual life learning. In short, the practice of "artificial intelligence + teaching methods" should be put into practice and produce practical meaning for each of us who work in aesthetic education.

## **5. PRACTICE OF “ARTIFICIAL INTELLIGENCE + TEACHING EVALUATION”**

In the process of classroom teaching, evaluation is the baton, which is the main basis for testing the teaching effect, finding out the problems and shortcomings in teaching, improving teaching methods and improving teaching quality. In the era of artificial intelligence, the focus of student evaluation is no longer the level of knowledge

The traditional paper-and-pencil evaluation method is obviously no longer applicable, and the need for intelligent teaching evaluation is more urgent than ever. In the General Plan for Deepening Educational Evaluation Reform in the New Era, it is clearly stated that we should "make full use of information technology to improve the scientific, professional and objective nature of educational evaluation". The development of big data technology has brought a good technical environment and realization conditions for evaluation reform. Personalized evaluation criteria, accompanying data collection, and real-time generated evaluation reports

have become the main methods of intelligent teaching evaluation, which can effectively assess students' high-level cognitive and non-cognitive abilities. At present, a number of schools have started to try to analyze and evaluate classroom teaching quality by collecting full recording data of classroom teaching, behavior log data of online teaching platform and structured data of teaching management system, which provides valuable experience for implementing process-oriented and accurate teaching evaluation in the intelligent era.

To sum up, to promote the development of aesthetic education in colleges and universities, we should correctly understand and meet the challenges of the information era, take advantage of the impact brought by artificial intelligence technology empowering aesthetic education, focus on the future-oriented change of aesthetic education curriculum, cultivate new concepts, extend new connotations, change the new form of curriculum in terms of curriculum objectives, values, contents, structure, organization, evaluation, environment and teachers' roles, etc.; reconstruct the curriculum system in terms of curriculum orientation, curriculum structure, contents, etc. system, etc.; to reconstruct the curriculum system; to establish a realization mechanism based on value orientation, core operation and long-term guarantee, and to lay a solid foundation for building a new pattern of AI+American education.

## **6. CONCLUSIONS**

In this new intelligent aesthetic education environment, students can from every aspect such as vision, hearing, touch to feel the beautiful things, on the platform of intelligent learning and interaction of immersed in the beautiful experience, gradually formed the aesthetic judgment, improving aesthetic taste, realize the pluralistic aesthetic interest, promote their all-round development, It is an inevitable requirement for higher education to conform to the pace of The Times and an important way and means to realize the all-round development of college students to realize the edification and infection of aesthetic education, art education and emotion education with brand-new technical means and train students to become "complete people" in the real sense.

## **AUTHORS' CONTRIBUTIONS**

Yang li conceived the idea of the study. Yongwen Chen performed the experiments. Yang li, Yongwen Chen analyzed the data and wrote the paper.

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