# Modern Information Technology Promotes High-quality Development of Ideological and Political Courses in Colleges and Universities

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**Abstract:** *With the development of the times, modern information technology is constantly breaking through, and ideological and political courses in colleges and universities also need to develop in the direction of high quality. Modern information technology plays a vital role in promoting the development of ideological and political courses in colleges and universities in the direction of high quality. This paper will discuss and study the current status of the application of modern information technology in ideological and political courses in colleges and universities, the necessity of integrating modern information technology with ideological and political courses in colleges and universities, and the strategies of modern information technology to promote the high-quality development of ideological and political courses in colleges and universities.*

**Keywords:** Modern Information Technology; College Ideological and Political Courses; High Quality.

## 1. THE CURRENT STATUS OF THE APPLICATION OF MODERN INFORMATION TECHNOLOGY IN IDEOLOGICAL AND POLITICAL COURSES IN COLLEGES AND UNIVERSITIES

### 1.1 The application degree of modern information technology in the teaching of ideological and political courses in colleges and universities

The times are constantly developing, and productivity is constantly breaking through and developing in the direction of new quality productivity. The teaching of ideological and political courses in colleges and universities also needs to conform to the needs of the development of the times, constantly make breakthroughs and innovations, and take the road of high-quality development. So how should the ideological and political courses in colleges and universities move towards the road of high-quality development? This requires that the ideological and political courses in colleges and universities should also keep up with the pace of the times, make good use of modern information technology, and have the courage to break the time and space boundaries of ideological and political courses in colleges and universities; have the courage to break through the traditional teaching model, use modern information technology to let ideological and political courses enter every student, make students the main body of the classroom, insist on being student-centered, and truly implement the teaching of ideological and political courses, so as to achieve the fundamental task of establishing morality and cultivating people. According to statistics from the Ministry of Education, more than 80% of colleges and universities have integrated information technology into the teaching of ideological and political courses, which not only breaks the traditional teaching model, but also greatly enriches the content and form of ideological and political courses in colleges and universities. As educator John Dewey said: "Education must learn from experience, and information technology is a powerful tool to provide this experience." If college ideological and political courses can only be taught in the classroom, can only be taught by teachers, and students passively accept this method of teaching, then the teaching of ideological and political courses in colleges and universities will lose its true meaning. The fundamental task of ideological and political courses in colleges and universities is to cultivate morality and cultivate people. It is necessary to help students establish a correct world outlook, outlook on life, and values in a subtle way, help students establish a great historical perspective, and enable them to correctly use the knowledge they have learned to make correct judgments. In order to achieve the subtle influence on students, the teaching of ideological and political courses in colleges and universities should be carried out in the classroom, in the lives of students, and in the big classroom of society. To achieve the combination of the three, it is necessary to empower through modern information technology. Classroom teaching is limited, but the big classroom of society is unlimited. With modern information technology, we can make full use of all useful resources at this stage to enrich teaching forms, teaching content and teaching space. For example, through virtual reality (VR) technology, students and historical events are in different eras, so their feelings about historical events are often not profound. At this time, we can use

modern information technology to break the boundaries of time and space, so that students can experience historical events in person, narrow the distance between students and historical events, and let students get close to the content of ideological and political courses in colleges and universities, and learn through experience, so as to help students deepen their understanding and perception of the content of ideological and political courses, so that the teaching effect of ideological and political courses can be implemented, so that students can truly gain and gain insights in ideological and political teaching, and improve their comprehensive quality. In addition, we can also use modern information technology to connect the small theoretical classroom with the large social classroom, and use modern information technology to build a practice base, so that students can not only learn in the small theoretical classroom, but also visit the large social classroom on the cloud, enter the large social classroom, and deepen their understanding and learning of the content of ideological and political courses. At the same time, the application of big data analysis can also help teachers understand the situation of students in a timely manner, provide feedback in a timely manner, adjust teaching strategies, and meet students' personalized learning needs. Modern information technology plays an important role in promoting the high-quality development of ideological and political courses in colleges and universities. We must better tap into modern information technology so that it can better empower the construction of ideological and political courses in colleges and universities and enable the construction of ideological and political courses in colleges and universities to develop in a high-quality direction.

### 1.2 Case analysis of information technology application in ideological and political courses in colleges and universities

Educator John Dewey said: "Education is not a preparation for life, but life itself." The application of modern information technology in the teaching of ideological and political courses in colleges and universities is to transform this concept into reality. Through innovative teaching methods, the ideological and political courses in colleges and universities are made more vivid and effective, and the distance between the ideological and political classrooms in colleges and universities and students is shortened. At present, many schools are actively exploring the full use of modern information technology to empower the construction of ideological and political courses in colleges and universities, so that the ideological and political courses in colleges and universities can develop in the direction of high quality. For example, Tsinghua University has built a virtual simulation experiment class, using virtual simulation technology to allow students to learn in person, which stimulates students' interest and enthusiasm in learning; Hebei University has built the "Information Technology Education Application" course, which comprehensively introduces the application concepts and methods of modern information technology tools and models in teaching, cultivates students' modern information technology literacy, and enhances students' understanding and application capabilities of modern information technology; Beijing Jiaotong University has opened the "University Computer Basics" course to cultivate new-era college students with interdisciplinary computer innovation capabilities, so that students can better adapt to the needs of the development of the new era, etc. Therefore, modern information technology plays a vital role in promoting the development of ideological and political courses in colleges and universities in the direction of high quality. Only by keeping pace with the times, daring to break traditions, and making full use of modern information technology can colleges and universities better promote the innovative development of ideological and political teaching in colleges and universities, better meet the personalized needs of students, help students grow and become talents, and truly achieve the fundamental task of cultivating morality and educating people.

## 2. THE NECESSITY OF INTEGRATING MODERN INFORMATION TECHNOLOGY WITH IDEOLOGICAL AND POLITICAL COURSES IN COLLEGES AND UNIVERSITIES

### 2.1 Promote the precision of ideological and political teaching in colleges and universities

The traditional ideological and political teaching model is relatively rigid and often has many problems. For example, it is mainly based on teacher lectures, teachers have the final say, and students learn passively; the theoretical content is boring and not vivid, and students are not interested in learning; students have different learning conditions, but the teaching form is single, etc. This makes the traditional ideological and political classroom teaching in colleges and universities not refined enough and cannot meet the personalized learning needs of students. Now, we can make full use of modern information technology, dare to break the traditional model, and make the ideological and political teaching of colleges and universities develop in the direction of precision, truly teach students in accordance with their aptitude, understand the learning needs of each student, and timely understand and pay attention to the development of students, so as to achieve the goal of precise education.

Make the teaching norms implemented in every step, and the teaching effect cover every student, realizing the leap from "flood irrigation" to "precision drip irrigation". Understand the situation of students in a timely manner, put forward necessary strategies according to the situation of students, help students grow, so that the ideological and political teaching of colleges and universities can better meet the needs of the development of the new era, meet the personalized needs of students, and let every student become the main body of the classroom.

### 2.2 Promote the intelligentization of ideological and political teaching platforms in colleges and universities

The times are developing, and modern information technology is also constantly changing with the development of the times. The teaching tools of ideological and political courses in colleges and universities cannot remain traditional, but should make full use of modern information technology, so that modern information technology can enrich smart teaching tools and make teaching tools modern. The teaching tools of ideological and political courses in traditional colleges and universities are relatively simple, and they cannot understand students' ideas at the same time, nor can they allow students to communicate and discuss together. Now, we can make full use of modern information technology-smart teaching tools, such as Rain Classroom, Chaoxing Learning Pass, iFLYTEK, etc., to let ideological and political teaching enter every corner of the classroom and into the lives of students, so that students can learn anytime and anywhere, communicate anytime and anywhere, and express their ideas, so as to truly achieve full coverage of ideological and political teaching, so that every student's ideas can be expressed, listened to and feedbacked, and promote the improvement of educational effects. Let students not only learn knowledge in the study of ideological and political classes, but also feel the warmth of ideological and political classes, so that students are willing to participate in the study of ideological and political courses from the bottom of their hearts, enhance students' understanding of the importance of ideological and political learning, and help students establish a correct world view, outlook on life, and values.

### 2.3 Promote the diversification of ideological and political teaching spaces in colleges and universities

The traditional ideological and political classrooms in colleges and universities are relatively simple, and are generally based on classroom teaching. Now, driven by modern information technology, the teaching space of ideological and political courses in colleges and universities is no longer closed and single, but has become diversified, meeting the learning needs of students at different stages, periods and levels. With the help of modern information technology, we have gradually achieved an organic combination of theoretical classrooms, social classrooms and online classrooms. The theoretical knowledge learned by students in theoretical classrooms can be applied to social classrooms. During the visits to social classrooms, students can deepen the knowledge learned in theoretical classrooms and strengthen their understanding of the content of ideological and political courses. In social classrooms, students can better achieve the unity of theory and practice, so that students' learning is no longer limited to books and classrooms, but in the social classroom, it subtly strengthens the influence on students, helps students grow, and improves their comprehensive literacy. On this basis, students can also broaden their learning content and form through online classrooms, find out their shortcomings in time, and further strengthen their learning. At the same time, with the help of theoretical classrooms and social classrooms, students can also correctly distinguish complex network knowledge and network information, helping themselves to extract useful information and filter out useless information. At the same time, we can also adopt a variety of teaching methods in the teaching of ideological and political courses in colleges and universities, such as text, images, audio, video, animation, etc., to stimulate students' multiple senses, stimulate students' interest in learning in all aspects, and make students willing to approach and study ideological and political courses.

### 2.4 Improve teachers' teaching ability

The times are progressing, and young college students who have grown up in the new era have a strong ability to understand and apply new things. If teachers of ideological and political courses in colleges and universities want to truly implement the fundamental task of cultivating people with moral integrity, they must keep up with the times, continue to learn, and improve their professional quality and comprehensive ability. With the help of modern information technology, teachers of ideological and political courses in colleges and universities can learn at any time, and can also choose learning methods according to their own situation at any time. At the same time, driven by modern information technology, network resources are becoming increasingly diversified, and the learning methods of ideological and political teachers are also becoming increasingly diversified, and there are more choices in learning content and types. The improvement of teachers' abilities plays a vital role in the development of ideological and political courses in colleges and universities in a high-quality direction. At the same time, teachers can recommend good modern information technology software to students when they

encounter it in the learning process, and they can also explain their learning experience to students to help students grow and help students learn effectively and efficiently.

**2.5 Optimize digital teaching resources**

The use of modern information technology can fully broaden digital teaching resources, realize the combination of online and offline teaching, and fully meet the learning needs of students in different disciplines. In order to ensure the organic combination of online and offline teaching, it is necessary to use modern information technology to deeply explore, organize and build an online teaching resource library, so that students' online learning can also be carried out in a high-quality and orderly manner, and provide students with effective learning resources. Through modern information technology, online learning resources can break through traditional time and space and meet students' learning needs more conveniently. At the same time, online learning can also help students make full use of scattered time, so that students can learn and communicate anytime, anywhere. At the same time, it is also possible to share and develop high-quality ideological and political resources through modern information technology.

# 3. STRATEGIES FOR PROMOTING HIGH-QUALITY DEVELOPMENT OF IDEOLOGICAL AND POLITICAL COURSES IN COLLEGES AND UNIVERSITIES THROUGH MODERN INFORMATION TECHNOLOGY

**3.1 Use modern information technology to empower education and teaching reform and innovation**

The breakthrough development of modern information technology and the deep integration of education and teaching have promoted the teaching reform of ideological and political courses in colleges and universities. We can make full use of modern information technology in the teaching of ideological and political courses in colleges and universities, and use new technologies such as the Internet and artificial intelligence to achieve an organic combination of in-class and out-of-class, online and offline, break the traditional teaching model, break the boundaries of time and space, so that the teaching of ideological and political courses in colleges and universities can better meet the learning needs of students, meet the personalized needs of students, and make the teaching of ideological and political courses in accordance with the actual situation of students. With the help of modern information technology, the teaching of ideological and political courses in colleges and universities is comprehensive, not only in the classroom, but also in the lives of students, so that students can be improved and grown in a subtle way, and establish a correct world outlook, outlook on life, and values in a subtle way. Through modern information technology, the education and teaching of ideological and political courses in colleges and universities can be reformed to better meet the needs of college students in the new era, continuously enhance the sense of the times and attractiveness of ideological and political courses, enhance students' enthusiasm for learning, make students the main body of the classroom, and truly be student-centered.

**3.2 Use digital technology to promote the high-quality development of ideological and political courses**

The continuous breakthroughs in modern information technology have provided a strong boost to the development of ideological and political courses in colleges and universities towards high quality. Modern information technology has made continuous breakthroughs with the development of the times, and we must make good use of digital technologies, such as cloud computing and big data, to provide new teaching platforms and means for ideological and political courses. Teachers of ideological and political courses in colleges and universities should make full use of digital technology to analyze students' learning conditions, timely understand students' learning conditions, their mastery of knowledge points, their understanding of problems, and the problems encountered by students in the learning process, timely discover students' problems, find solutions, help students solve practical problems, and improve the effectiveness of education. Through digital technology, the ideological and political courses in colleges and universities can truly develop in the direction of high quality.

**3.3 Use modern information technology to build a high-quality ideological and political evaluation system**

In the evaluation system of ideological and political courses in colleges and universities, we can also make full use of modern information technology. Through modern information technology, intelligent tools such as big data analysis and artificial intelligence, we can timely understand students' learning progress, classroom performance, class participation and social practice feedback, and realize the intelligence and data of the evaluation system of

ideological and political courses. Through a multi-dimensional and multi-level evaluation system, we can conduct a comprehensive and scientific assessment of students' ideological and political literacy, understand students' situations in all aspects, help students grow further, truly achieve the fundamental task of establishing morality and cultivating people, help students establish a correct world outlook, outlook on life, and values, and improve students' comprehensive literacy, innovation ability, and ability to analyze and solve problems.

## REFERENCES

[1]   Yang Xiaoxu , Liu Dejun , Bao Xiaohui. Research on VR virtual simulation teaching practice in college ideological and political courses: Taking Anhui University of Technology as an example [J]. Journal of Hubei Normal University (Philosophy and Social Sciences Edition) , 2024 , 44(1).138-144.

[2]   Hu Weiwei , Zhang Lu. Research on the cultivation path of digital literacy of college teachers under the background of digital transformation of education[J]. Journal of Shijiazhuang Tiedao University (Social Science Edition), 2024(3):92-99.

[3]   Kong Lingfei. Research on the Teaching Reform of Ideological and Political Courses in Middle Schools Empowered by Digitalization[D]. Xinyang: Xinyang Normal University , 2023:45-50.