

Innovation and Development of Ideological and Political Education for College Students in the Mobile Learning Environment

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Abstract: With the continuous improvement of China's technological level, the impact on various industries is more prominent, especially in the integration of mobile learning environment in the current ideological and political education work for college students. The original ideological and political education module has been innovated, breaking the limitations of time and space, and creating a good educational carrier for efficient learning and innovation for students. Therefore, relevant universities need to strengthen their in-depth understanding of the mobile learning environment, gradually optimize the current education model, build a new education ecosystem, and lay a solid foundation for the improvement of students' comprehensive abilities. The article first discusses the characteristics and goals of innovation in ideological and political education for college students in the mobile learning environment, analyzes the impact and existing problems of the mobile learning environment on innovation in ideological and political education for college students, and finally proposes strategies for innovation in ideological and political education for college students, which has certain reference significance for improving the effectiveness of ideological and political education for college students.

Keywords: Mobile learning environment; College students; Ideological and political education; Innovate

1. INTRODUCTION

The modern human way of production and life has undergone significant changes with the continuous progress of science and mobile communication technology, particularly in the closer relationship between daily life learning and mobile intelligent devices. This new change is particularly evident among the young group of college students. At the same time, some new phenomena, problems, and contradictions have also emerged in the process of ideological and political education for college students. Faced with new problems, ideological and political education work must have the responsibility of self innovation in the era. How to further innovate the mode of ideological and political education for college students, explore effective paths for

ideological and political education for college students, and combine contemporary ideological and political education with mobile learning has become one of the areas that we urgently need to study. When innovating ideological and political education for college students in the context of mobile learning environment, schools should integrate internet technology and mobile learning platforms into various aspects of ideological and political education, broaden the connotation and channels of ideological and political education, further achieve the strengthening effect of online ideological and political education, highlight modern educational ideas, and achieve the update and upgrade of traditional ideological and political education models.

2. THE CHARACTERISTICS AND OBJECTIVES OF INNOVATION IN IDEOLOGICAL AND POLITICAL EDUCATION FOR COLLEGE STUDENTS IN THE MOBILE LEARNING ENVIRONMENT

2.1. Characteristics

Firstly, innovative education has introduced advanced technological means. The ideological and political education of college students in the mobile learning environment can be learned and communicated through mobile devices such as mobile phones and tablets, providing students with more diverse and diverse learning methods. By utilizing online learning platforms, teachers can develop personalized learning plans based on students' learning characteristics and provide differentiated education for different students [1]. At the same time, online social platforms can also be used to promote communication and interaction among students, improving their participation and effectiveness in learning.

Secondly, innovative education focuses on cultivating students' practical abilities. In the mobile learning environment, ideological and political education for college students emphasizes a practical orientation and focuses on cultivating students' practical abilities [2]. By designing various practical activities, students can gain a deeper understanding and mastery of social reality and political situations through practice, strengthen the effectiveness of ideological and political education, and promote the cultivation of students' exploratory spirit and innovative consciousness.

Finally, innovative education advocates personalized development. In the mobile learning environment, ideological and political education for college students promotes innovative education through personalized development. Teachers can use internet technology to timely understand students' interests, characteristics, and needs, customize learning plans for students, encourage students to choose courses independently, unleash their personal potential, cultivate students' development consciousness and autonomy, and thus achieve the goal of better promoting students' ideological and political education.

The innovation of ideological and political education for college students in the mobile learning environment has fully utilized the advantages of the digital era, emphasized practice, advocated personalized development, and formed unique educational characteristics [3]. These characteristics provide a new approach and practical path for the innovation of ideological and political education for college students, and also provide important insights for the development of future education.

2.2. Goal

Firstly, innovation is inevitably one of the important goals of ideological and political education for college students. In the past educational models, many teachers focused on theoretical concepts during the teaching process, neglecting practicality and innovation. This education method is no longer able to meet the needs of today's college students, and students need more practice and innovation in order to better adapt to future social development.

Secondly, diversification is also the goal of innovation in ideological and political education for college students. College students come from different regions, with varying backgrounds, cultures, and ideas. Therefore, in the education process, students' personalities and differences should also be fully considered. In the past education process, teachers often only imparted their own viewpoints, while neglecting students' thoughts and perspectives. But today, the collision and exchange of different ideas have become an essential part. One of the goals of innovation in ideological and political education for college students is to respect their ideas and perspectives in a diverse environment, and stimulate their creativity and imagination.

Finally, personalization is also an important goal of innovation in today's ideological and political education for college students. In the past, some educators may have believed that the main purpose of education was to enable students to master knowledge, while neglecting their true needs. However, in today's education process, personalization has become an important keyword. One of the goals of innovation in ideological and political education for college students is to establish a personalized education system, providing a suitable

educational environment and creativity for every student's growth.

3. THE IMPACT OF MOBILE LEARNING ENVIRONMENT ON THE INNOVATION OF IDEOLOGICAL AND POLITICAL EDUCATION FOR COLLEGE STUDENTS

3.1. Opening up a brand new space for ideological and political education

In today's era, the emergence of mobile learning environments has greatly promoted the development of ideological and political education for college students. Previously, students could only receive ideological and political education in a fixed campus environment. However, now, the development of mobile learning environments has opened up a new space for ideological and political education, making it more convenient for students to receive education. This not only provides more diversified and comprehensive educational methods for ideological and political education of college students, but also brings unprecedented opportunities for innovation in ideological and political education. Mobile learning environment is a learning environment based on mobile internet technology, which promotes the development of ideological and political education for college students, enabling them to engage in autonomous learning in a more flexible environment. In this environment, students can access relevant information anytime and anywhere through mobile devices for autonomous learning. This learning method not only saves time, but also improves students' learning efficiency. In addition, the mobile learning environment also provides an innovative and brand new ideological and political education model, namely the "student-centered, teacher guided, interactive communication, and diverse evaluation" education model [4]. This model can better stimulate students' learning interest, cultivate their independent thinking and innovation abilities, and improve their ideological quality.

In the mobile learning environment, there are also more diverse and comprehensive educational methods for ideological and political education of college students. Previously, ideological and political education could only be conducted through traditional classroom teaching methods, while in mobile learning environments, educators could teach through various methods, including text, audio, video, and other forms. This diversified teaching model not only caters to students' interests, but also benefits their ideological development and cultivates their diverse qualities. More importantly, the mobile learning environment has opened up a new space for ideological and political education, which has made ideological and political education more smooth and free. In the past, college students conducting ideological and political courses on campus were sometimes limited by factors such as departments and schools, and the emergence of mobile learning

environments has broken this limitation. In this space, students can freely communicate, learn, and develop their own ideas. This freedom is a guarantee for the diverse development of ideas and also an affirmation of the free growth of college students.

3.2. Enriched ideological and political education resources

With the continuous progress and development of society, modern people's way of life has become increasingly convenient. Especially with the rapid development of information technology, mobile learning environments have become a popular form of entertainment and a way to enrich ideological and political education resources for college students [5]. In this mobile learning environment, college students can use handheld devices such as smartphones and tablets to access rich and colorful ideological and political education resources anytime, anywhere, for self-learning and insights, allowing their thoughts to be more deeply sublimated. For college students, ideological and political education is a very important course, its significance is to enable them not only to understand social customs and cultural traditions, but also to understand the political and social situation of the country, thereby cultivating higher civic qualities and a sense of social responsibility. Under this premise, the mobile learning environment has attracted more and more college students to join this "ocean of knowledge", further enriching and expanding the resources of ideological and political education. In a mobile learning environment, college students can engage in ideological and political education by browsing various forms of resources such as videos and literature. With the continuous increase in the number of college students and the continuous updating of educational resources, the mobile learning environment is also constantly updated and improved, allowing students to enjoy a rich and colorful world of ideological and political education resources. In addition, as the core digital technology of mobile learning environment, it also provides more convenient and flexible access to educational resources for college students. For example, college students can obtain rich and colorful ideological and political education resources through WeChat official account, Zhihu and other platforms, and can also interact with educational institutions and various academic groups through social media to improve their learning ability and sense of social responsibility.

4. THE INNOVATION OF IDEOLOGICAL AND POLITICAL EDUCATION FOR COLLEGE STUDENTS IN THE MOBILE LEARNING ENVIRONMENT

4.1. Lack of experience

In recent years, with the continuous popularization and development of mobile learning technology, more and more universities have begun to apply mobile learning to innovation in ideological and

political education. However, due to lack of experience, many college students face some problems in ideological and political education in mobile learning environments. Firstly, with the development of society and technology, the mobile learning environment has brought new challenges and opportunities to the ideological and political education of college students. School educators need to conduct in-depth research and understanding of new technologies, media, and forms in order to better serve the ideological and political education of college students. However, most school educators still lack sufficient understanding and understanding of the innovation of ideological and political education for college students in the mobile learning environment, resulting in students being unable to truly adapt to the new situation and meet the diverse needs of college students.

Secondly, the lack of experience of school educators in ideological and political education for college students is also an important factor that restricts innovation. Although ideological and political education for college students has become an important component of school education, the professional knowledge and experience of most school educators are relatively limited, making it difficult to meet the diverse, personalized, and professional needs of college students [6]. I often feel at a loss and helpless about how to stimulate students' interest in learning, how to establish good educational relationships with students, and how to apply various educational methods and technologies.

Finally, the outdated teaching concepts and methods of school educators are also a factor contributing to the lack of experience. With the development of society and the changes of the times, education also needs to constantly innovate and develop. However, some school educators still stay in the past in terms of educational concepts and methods, adhering to traditional educational models and teaching methods, resulting in a lack of in-depth understanding and grasp of ideological and political education for college students, and unable to effectively promote the innovative development of ideological and political education for college students.

4.2. Lack of scientific planning

The mobile learning environment has brought many conveniences to education, especially in the ideological and political education of college students. However, educational innovation requires systematic planning in order to truly achieve educational goals. Unfortunately, many schools lack scientific planning when carrying out educational innovation, which makes it difficult to achieve the expected results in improving the quality of education.

Firstly, the lack of scientific planning will lead to the arbitrariness of educational innovation. Many schools often rush to launch educational innovation projects when facing the challenge of mobile learning, but

lack scientific planning and design. Doing so often leads to inadequate systematic design of educational innovation projects, which cannot fully meet the needs of students, and cannot bring about ideal educational outcomes [7].

Secondly, the lack of scientific planning will lead to the singularity of educational innovation. Many schools only focus on one aspect when carrying out educational innovation, such as launching a mobile learning app or offering an online course. However, such educational innovation projects often only start from one perspective and do not implement comprehensive educational concepts. Such educational innovation projects often fail to meet the diverse needs of students and fail to achieve the comprehensiveness of educational innovation.

Finally, the lack of scientific planning will lead to the blindness of educational innovation. Educational innovation projects without scientific planning often lack a feedback mechanism, which often leads to blindness in educational innovation and makes it difficult to accurately grasp the progress and effectiveness of educational innovation. This will waste a large amount of educational resources, leading to the failure of educational innovation projects.

5. Strategies for Innovation in Ideological and Political Education for College Students in a Mobile Learning Environment

5.1. Building a team of high-quality teachers

In the mobile learning environment, innovation in ideological and political education for college students has become a hot topic in the current education industry. Building a high-quality teacher team is an important link in this innovative process. This article will explore how to create a high-quality team of teachers in this process.

Firstly, a high-quality teaching team needs excellent leaders. These leaders should have rich teaching experience and be able to demonstrate good teaching results in teaching practice. At the same time, students should also have a broad and in-depth academic research background, and be able to continuously update and improve their teaching methods and textbooks. In this way, students can lead teams and achieve better teaching outcomes.

Secondly, communication and collaboration among members of the teacher team are also important aspects of building a high-quality teacher team. In a mobile learning environment, teachers can communicate and share their teaching experiences with each other through online video conferences, online discussions, and other means. In such communication, team members can learn from each other and explore the optimization of teaching methods together, thereby continuously improving their teaching level. In addition, developing a scientific and reasonable teaching management system is also an important link in building a high-

quality teacher team. These systems should include teaching quality standards, teaching task allocation, teaching evaluation, and ensure that teachers comply with these systems [8]. This can better ensure the quality of teaching, improve teaching efficiency, and make the entire team more coordinated.

Finally, we should encourage the teaching team to conduct academic research and teaching practice. During this process, teachers can participate in teaching seminars, academic conferences, etc. for academic exchange and collaborative research to improve their academic level. At the same time, it is also possible to actively explore teaching methods, carry out teaching practices, and continuously guide students to engage in innovative thinking, thereby expanding teaching ideas and improving teaching quality.

5.2. The construction of ideological and political education theme websites and web pages

In today's information age, mobile learning environment has become one of the main ways for college students to learn. In this environment, how to innovate ideological and political education has become a very important issue. The construction of educational themed websites and web pages has become a very effective method. The construction of educational themed websites can be said to be a very complex process, and there are many factors that need to be considered. Firstly, it is necessary to consider the functionality and structure of the website. In the ideological and political education of college students, the website needs to have multiple functions such as course publishing, learning resource sharing, and learning information publishing. At the same time, the structure of the website needs to be simple, clear, and easy to operate. Only in this way can students conveniently learn and communicate, and then need to consider the content and form of the website. In response to the special needs of ideological and political education for college students, the content of the website needs to be targeted and practical. In terms of form, attention should be paid to aesthetics and flexibility, as this can not only enhance students' interest in learning, but also facilitate maintenance and updates by operators. In addition, it is also necessary to consider the promotion and operation of the website. After building a website, it is necessary to conduct extensive promotion and operation in order to allow more students to understand the existence and value of the website [9]. At the same time, timely updates and improvements based on student feedback can ensure the long-term stability and effectiveness of the website. In addition to educational themed websites, there is also the construction of web pages. Compared to websites, the construction of web pages is more flexible and suitable for publishing temporary learning materials and communication content. When building a webpage, it is necessary to pay attention to

the unity of format and richness of content. At the same time, the webpage also needs to facilitate students' communication and interaction, and can set up functions such as comment and discussion areas.

Secondly, building educational themed websites requires clear thinking and clear goals. Clarify the goals of ideological and political education for college students, such as cultivating their ideological and moral qualities, improving their political literacy, and so on. At the same time, it is necessary to clarify the target group for building educational themed websites, namely college students. On this basis, teachers can develop specific construction plans. To build a successful educational themed website, teachers need to carefully design the framework and content of the website. In terms of framework, we need to consider the design of the navigation bar, home page, content page, etc. of the website. In terms of content, it is necessary to develop rich and diverse content, including course content, activity information, and so on [10]. At the same time, we should pay attention to the legibility and usability of the website, so that college students can easily browse and use the website. In order to enhance the influence and visibility of educational themed websites, teachers need to adopt various promotional methods, such as posting posters on university campuses, distributing promotional brochures, promoting on social media platforms, and so on. Through these promotional methods, college students can increase their awareness and usage of educational themed websites, thereby improving the effectiveness of ideological and political education.

5.3. Reforming the content and methods of traditional ideological and political education

In the current era of the Internet, mobile learning environments have become an inevitable trend, especially in the field of university education where applications are becoming increasingly widespread. However, for the traditional discipline of ideological and political education, how to achieve content and method reform in a mobile learning environment has become an urgent problem to be solved. Traditional ideological and political education always gives people a dull and dull feeling. Teachers instill various theoretical knowledge in the classroom, but rarely pay attention to students' personalities and ideological consciousness [11]. In the context of mobile learning, ideological and political education in universities should pay more attention to developing students' thinking abilities, cultivating their creative thinking, and enabling them to actively think about their own lives, interpersonal relationships, and social issues during learning. Therefore, the reform of educational content and methods is crucial.

Firstly, teachers must clarify the needs of ideological and political education in the new era. In a mobile learning environment, teachers need to build a more open, collaborative, and interactive educational

model. This requires teachers to draw on diverse educational concepts and make education more focused on students' subjectivity and creativity. Therefore, in terms of educational content, teachers should focus on studying multicultural ideas, allowing students to absorb different nutrients in the exchange of ideas. By introducing new educational resources and innovative educational methods, students' ability to actively think and enhance their autonomous learning ability is stimulated.

Secondly, in terms of educational methods, teachers should also adopt more flexible and diverse educational models. In a mobile learning environment, education can be more comprehensive and targeted, and through the popularization of mobile devices and networks, it is more convenient for students to learn. At the same time, how to leverage online tools to play a greater role in students' growth is also a question that teachers need to consider. For example, teachers can provide students with more practical learning resources through online classes, WeChat official account and other platforms. At the same time, teachers can also use tools such as social media to interact with students, understand their real needs, and provide more appropriate educational content and methods for students.

5.4. Close interaction and communication with students

In modern society, mobile learning has become a very important learning mode, especially for college students. Mobile learning has become an important way for students to learn. In such a learning environment, how to innovate and interact better with students in ideological and political education for college students is a topic that teachers need to delve into today. In the mobile learning environment, the learning methods of college students have undergone significant changes. Students pay more attention to flexibility and individuation, and more emphasis on independent learning and cooperative learning. Under such learning mode, ideological and political education also needs to pay more attention to interaction, and more emphasis on close interaction with students [12].

Firstly, teachers need to establish a good interactive platform. In a mobile learning environment, teachers can establish an interactive platform between students and teachers through the school's online platform, such as WeChat groups, QQ groups, etc. Such a platform can enable fast and convenient communication between students and teachers during the learning process, which can more effectively achieve close interaction between teachers and students.

Secondly, teachers need to pay more attention to the personalized needs of students. In the context of mobile learning, college students pay more attention to personalized learning needs. Therefore, in ideological and political education, teachers also need

to pay more attention to students' personalized needs. Teachers can conduct online tests, surveys, and other activities to understand the characteristics and needs of each student, and then develop targeted teaching plans. In addition, teachers can also stimulate students' interest in learning through interactive means. For example, organizing group discussions, publishing learning outcomes, and holding interactive classroom activities can all help students actively participate in learning, thereby improving their learning outcomes.

Finally, teachers also need to combine classroom teaching with online learning. In ideological and political education, teachers can combine classroom teaching with online learning, for example, by providing learning materials through online teaching videos, courseware, and other means, and engaging in interaction and discussion in the classroom, thereby more closely interacting with students [13].

5.5. The construction of network culture

In the mobile learning environment, ideological and political education for college students is facing new opportunities and challenges. With the continuous progress and popularization of network technology, network culture, as a new cultural form, has become an important component of ideological and political education for college students. How to build a good online culture in this new educational environment has become a problem that teachers need to think about and explore. Firstly, teachers need to strengthen the guidance and supervision of college students' online behavior with the goal of promoting the construction of online culture. On the internet, college students' behavior is often subject to certain indulgence and temptation, and they are easily disturbed by bad information, and may even engage in some bad behavior. Therefore, teachers need to formulate relevant rules and regulations, and carry out publicity and education through various channels to guide college students to consciously abide by online behavioral norms, enhance their awareness of online self-discipline, and create a good online cultural atmosphere. In addition, teachers also need to leverage the advantages of online education resources and use online platforms to carry out diverse ideological and political education activities [14]. In the mobile learning environment, college students can access educational resources anytime and anywhere through various mobile devices, which provides an important guarantee for the innovation of ideological and political education. Teachers can establish an online learning platform to carry out various activities such as interactive discussions, online question answering, and courseware sharing, to stimulate college students' interest in learning and improve learning outcomes. The construction of online culture not only requires active guidance, but also requires the active participation and contribution of college students. Teachers can set up corresponding

innovation platforms to encourage college students to unleash their creativity and imagination, design and produce various applications, games, animations, and other products that meet the needs of online cultural construction. This not only cultivates the innovative ability of college students, but also allows them to participate in the construction of online culture and enhance their sense of social responsibility.

Secondly, teachers need to approach the diversity and changes of online culture with an open and inclusive attitude. Network culture is a diverse and constantly changing cultural system, and teachers need to timely understand and pay attention to the development trends of network culture, actively consider and explore the innovative development of network culture. At the same time, teachers also need to respect and tolerate different voices and perspectives in online culture, promote cultural exchange and integration, and promote the healthy development of online culture.

Finally, in the process of innovating ideological and political education for college students, the methods of constructing network culture also need to be continuously explored and improved. On the one hand, teachers can establish online cultural platforms to encourage students to participate in online cultural creation, such as promoting students to write excellent online novels, poetry, microfilms, and so on. This not only enhances students' cultural awareness and innovation ability, but also provides them with a platform for self presentation and communication. On the other hand, in order to promote the development of online culture construction, teachers can also establish publicity platforms to enhance students' understanding and understanding of online culture. For example, teachers can publish news, articles, videos, and more related to online culture on campus networks for promotion and promotion. In this way, students can have a deeper understanding of the significance and role of online culture, and then actively participate in the construction of online culture.

6. CONCLUSION

In the mobile learning environment, there are many opportunities for ideological and political education for college students. Therefore, relevant schools need to gradually update their existing ideological and political education models according to the development characteristics of the new era, achieve optimization and adjustment of educational methods and content, and adapt to the physical and mental development characteristics of students. Enable each student to actively cooperate with the teacher with a fuller emotional state to complete the learning of ideological and political knowledge, connect with life, find the correct problem-solving methods, and truly reflect the advantages of ideological and political education for college students.

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