

The Effect of Modern High-Tech Growth on China's University

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Abstract: The fourth industrial revolution has been facilitated by the rapid advancement of contemporary high-tech development, which has resulted in an unique scientific and technological transformation in the world and in China. This transformation is also affecting China's higher education system. The highlights have been updated with the release of the overseas edition of the General Secretary's Talks on Governing the Country, the Party's Twenty Great Victory, the Digital Education Action Plan (2021-2027), Strengthening the Carbon Peak, and the Work Plan for the Construction of Higher Education Talent Training System. They are completely absorbed in digitization, networking, and artificial intelligence. As a consequence of modern advanced technology, the expansion of higher education has been accompanied by both opportunities and obstacles.

Keywords: Contemporary periods; Advanced Tech; China; College education; Influence

1. Preface

The rapid advancement of technological innovation has resulted in the widespread adoption of modern high-tech in all sectors of society, with education being particularly affected. China's educational institutions system is confronted with unprecedented opportunities and challenges as the world's largest developing country. The rapid advancement of advanced technologies, including the Internet, big data, and artificial intelligence, has not only revolutionized the acquisition and dissemination of knowledge but has also significantly influenced the teaching format, management system, and personnel training of higher education.

This study seeks to offer a reform plan that is consistent with the evolving trend of high technology, analyze the present difficulties and possibilities that higher education in China is encountering, and conduct an in-depth look of the impact of modern high-tech growth on higher education. The goal is to provide theoretical backing and useful information for the continued healthy growth of higher education in China.

2. The subsequent chapter provides a concise overview of the pertinent research conducted both domestically and internationally

In the Party's 20th report, the General Secretary "implemented the plan of rejuvenating learning and science and bolstering the backing of modern talents" for the first time, making education, particularly higher education, of strategic significance as a self-sufficient discussion and systematic implementation. In recent times, China's educational system has exhibited a consistent and accelerated growth trend, encompassing graduate, undergraduate, and vocational education at various levels.

European university future picture highlights the open characteristics, put forward the university to actively participate in and build open innovation ecosystem, establish higher education based on the interdisciplinary system, realize "subject symbiosis, disciplines and subject communion, build interdisciplinary unbounded ecological". Encouraged European university actively respond to major social reality challenges, promote the university become human sustainable development and the main drivers of digital transformation and key participants. Foreign higher education is gradually realizing the popularization, diversification and internationalization, but it is also facing some challenges and problems. For example, how to improve the quality and efficiency of higher education, how to adapt to the development of globalization, how to cultivate innovative talents, etc. Numerous universities have initiated partnerships with foreign universities to implement international exchange programs, thereby expanding the number of international opportunities for exchange for students and fostering the internationalization of higher education.

3. Exploration of the correlation between higher education and advanced technology

On September 22nd, 2020, the General Secretary gravely announced the global discussion in the United Nations General As-

sembly. **"China will enhance its national contribution, implement more effective regulations and measures, aim to reach the peak of its greenhouse gas emission by 2030, and become carbon neutral by 2060."**With the rapid development of science and technology, high-tech has become an important force to promote social progress and economic development in today's society. In order to accommodate the advancement of high technology, higher education has been endeavoring to nurture high-quality talent, which is a critical institution for talent development.

There is a close correlation between higher education and advanced technology. Higher education needs to constantly update its teaching contents and methods to adapt to the development of high technology and cultivate high-quality talents with innovative spirit and practical ability. At the same time, higher education also needs to actively explore the application of high technology in the field of education to improve the quality and effect of education. The development of high technology has brought new opportunities and challenges to higher education. Higher education must continuously update its teaching content and methods, cultivate high-quality talent, and maintain pace with the rapid advancement of technology and science. Simultaneously, higher education must actively investigate the integration of high technology into the field of schooling and foster the advancement and innovation of education. **In April 2022, the Ministry of Education issued the "strengthen carbon peak carbon and higher education personnel training system construction work plan", including speed up the shortage of talent training, strengthening the construction of high level teachers, build high level technology research platform, deepen the education fusion collaborative education, intensify the construction of teaching resources, strengthen international exchanges and cooperation, etc.** The teaching content is continuously updated as a result of the advancements in high technology, and conventional educational content was unable to satisfy the demands of contemporary society. The content of higher education must be consistently updated to reflect the advancements in high technology, and students' innovative and practical skills must be cultivated.

Higher standards for the talent method of training are presented by the evolution of advanced technologies. Higher education must produce outstanding talents with creative energy and pragmatic skills to satisfy the demands of high-tech development. **Nous must maintain the objective of establishing a human destiny community, fortify cooperation with universities in other countries, and implement the "double carbon" strategy to conduct effective basic research, scientific research, achievements, and talent training.** Additionally, the government, enterprises, and international organizations must collaborate to jointly advance the sustainable development of human society.

Higher education has gotten more and more global as globalization speeds forward. **The internationalization of education has become an inevitable trend in the development of higher education. The joint training of graduate students between the Open University and foreign universities is not only an important measure to respond to the global development trend of global education, but also an effective way to improve the quality of education and cultivate international talents. The joint training mode not only provides students with a multi-cultural learning environment, promotes the exchange and integration of different cultures, but also opens up a broader international vision for students and enhances their competitiveness in the era of globalization. In addition, this model also helps universities to complement each other and improve the overall internationalization level of higher education.** Different educational models, ideas and methods continue to emerge, providing us with a variety of choices. **With the rapid development of global economic integration, cultivating international talents who can compete on the international stage has become a key issue of China's higher education reform.**

These courses are typically designed for international pupils and are conducted in English. They cover a wide range of subjects. In addition to enhancing their English proficiency, summer school enables students to expand their perspectives and comprehend the perspectives of individuals from diverse cultural backgrounds. **The joint degree, which was established in July 2019, has facilitated the collaboration of an increasing number of universities with foreign universities to provide joint degree courses.** These courses typically encompass disciplines from two or more countries, offering students the chance to learn and develop in diverse cultural environments, thereby fostering international educational interactions and fostering mutual understanding and cooperation among nations. Numerous universities and organizations now provide international internships to assist students and young individuals in gaining a better understanding of various work environments and enhancing their vocational abilities. These initiatives typically involve international businesses and associations, which offer students the chance to collaborate with counterparts from diverse cultural backgrounds and hone their adaptability and cross-cultural communication skills. Additionally, they are recruiting educators with international experience to enhance the internationalization of their teaching staff. These teachers have a great lot of professional experience, a worldwide viewpoint, and cultural communication skills. This helps pupils to enhance their global consciousness and international thinking.

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