

Research on the High-quality Development Path of College Student Work from the Perspective of New Quality Productive Forces

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Abstract

The Development of new-quality productive forces is an inevitable requirement for promoting high-quality economic development and promoting Chinese modernization. As an important force in talent cultivation and scientific and technological innovation, colleges and universities should provide high-quality education services and support the development of new quality productive forces. Student work is an important part of education and talent cultivation in colleges and universities. And the high-quality development of student work is an inevitable choice to meet the requirements of the development of new quality productive forces. It should have key characteristics such as quality and efficiency improvement, digital intelligence empowerment, field extension and collaborative education. Colleges and universities should make efforts in institutional guarantees, technical support, education field, talent support and content supply to promote the high-quality development of student work.

Keywords

Colleges and Universities; Student Work; New Quality Productive Forces; High-quality Development.

1. Introduction

When the concept of “new quality productive forces” was introduced, it rapidly gained attention across all sectors of society. In order to cultivate this new quality productive forces, Colleges and universities need to take on the educational mission, effectively implement educational reforms, foster scientific and technological innovation, and provide comprehensive talent training to enhance productivity in the modern era of higher education. Student work is an important part of tertiary education, and its high-quality development is not only a necessary requirement for improving the level of talent cultivation and promoting the transformation and upgrading of higher education, but also a practical need to promote the deep integration in the fields of education, science, technology, human resources, and solidify the foundation for the development of new quality productive forces. Therefore, exploring the high-quality development of college students' work from the perspective of new quality productive forces is of great significance for deepening the reform of talent cultivation models, improving educational governance efficiency, and promoting the construction of an educational powerhouse.

2. The Demand for High-quality Development of Higher Education Triggered by Accelerating the Development of New Quality Productive Forces

In the process of China's construction of socialist modernization, it is urgent to accelerate the formation and development of new quality productive forces. The term “new quality productive

forces” refers to a form of productivity driven by innovation as the core driving force, surpassing traditional economic growth patterns and productivity development trajectories, characterized by high technology, efficiency, and quality.^[1] It is an advanced productive force that is in line with the new development concept. As an advanced mode of production, the new quality productive force not only profoundly impacts the production and lifestyle of modern society but also presents more rigorous and higher-level developmental requirements for the higher education system. Therefore, it gives rise to and promotes the reform process for the high-quality development of higher education. Colleges and universities are regarded as an important role in the integration of education, science and technology, and human resources, bearing significant responsibility for promoting the cultivation of high-quality talents and the output of scientific and technological achievements through high-quality education. They can also provide necessary technical and intellectual support for the development of new quality productive forces.

On the one hand, new quality productive forces, as an innovative and advanced class of productivity that boasts significantly enhanced production efficiency, have set forth novel and more stringent demands on the fundamental elements of the labor process, namely, laborers, means of production and labor objects. From the standpoint of laborers, to align with the ongoing advancement of modern industries and technology, individuals in the workforce are necessitated to possess enhanced overall literacy and professional competencies. They should develop into high-caliber, innovative, and versatile talents capable of proficiently utilizing and spearheading the development of cutting-edge advanced production tools. Therefore, this imperative entails colleges and universities to refine their talent development processes, produce a greater number of premium quality workers, and lay a robust foundation for a robust talent pool. Analyzing from the perspective of means of labor, technological innovation, serve as a catalyst for the emergence of new production tools, is becoming a pivotal support for the advancement of new quality productive forces. In contrast to traditional productive forces, the development of new quality productive forces hinges crucially on cutting-edge technologies, including but not limited to big data, the Internet, and artificial intelligence. Therefore, accelerating the development of new productive forces requires means of production to have higher technological content and innovation ability, in order to adapt to the rapid changes in the market and the dynamic economic environment, reduce labor and time costs, improve labor productivity, and enhance market competitiveness. This requires colleges and universities to provide the necessary knowledge and scientific and technological achievements for national development via foundational and applied research, and promote the transformation of these research achievements to the industrial sector, thereby catalyzing the adoption and advancement of novel technologies, enhancing the intelligence and automation of production instruments, and propelling the evolution and transformation of the labor force. From the perspective of the object of labor, thanks to the continuous progress of science and technology, the scope, type and field of the object of labor have changed significantly, expanding from traditional material materials to non-material resources including information, data and knowledge. As a key platform for knowledge generation, exchange, and dissemination, colleges and universities can, through education and scientific research activities, enable students to actively adapt to the changes in the objects of labor, further learn and master these new objects of labor, and even realize a new round of development and utilization. Therefore, the advancement of new quality productive forces urgently requires higher education to contribute to the training of new high-quality talents, the innovation of means of production and the expansion of labor objects, thereby offering robust support for economic and societal progression.

On the other hand, accelerating the development of new quality productive forces requires strong support from high-quality higher education. At present, the world is facing profound

shifts unseen in a century, and international competition, especially around science and technology and talents, is becoming increasingly fierce. In this context, "The quality and scale of higher education, as well as the accompanying achievements in knowledge and technological innovation, have become important indicators for measuring a country's level of higher education development, as well as the potential and level of scientific, technological, economic and cultural development and/or prospects."^[2] The high-quality development of higher education is not only to an objective requirements to adapt to the current economic and social development, but also an inevitable trend for the education system to continuously improve and evolve towards higher stages. Based on this, the Communist Party of China and government regard "building a high-quality education system" and "improving the quality of higher education" as important tasks for development^[3], which have been included in the 14th Five-Year Plan (2021-2025) for National Economic and Social Development and the Long-Range Objectives Through the Year 2035. Colleges and universities have gathered a large number of high-level and top-notch talents with outstanding scientific research level and innovation ability. They can carry out organized scientific research focusing on major national strategies and the development needs of emerging industries, assist in various tasks such as technology research, product development, platform construction, and scientific and technological achievement transformation. This is conducive to transforming talent advantages into technological innovation momentum, thereby improving production efficiency, and promote industrial upgrading and replacement. In addition, colleges and universities also need to improve the comprehensive quality of college students through high-quality education and teaching, promote their comprehensive growth, accelerate the cultivation of high-quality labor talents that adapt to the development of new productive forces, and empower the development of new productive forces through talent cultivation.

3. Analysis of the Characteristics Required for High-quality Development of Student Work in Colleges and Universities from the Perspective of New Quality Productive Forces

In response to the current imperative of expediting the development of new high-quality productive forces, colleges and universities are compelled to align their talent cultivation with the national development strategy, which is also a necessary part of the modernization construction of higher education. As an important carrier and implementation approach for talent cultivation in colleges and universities, student work needs to actively respond to the call of national policies and conform to the requirements of education in the new era. From the perspective of new productive forces, the high-quality development of student work should have characteristics such as improving quality and efficiency, empowering with digital intelligence technology, extending the educational field, and collaborative education.

3.1. Improving Quality and Efficiency of Student Work

New quality productive forces is characterized by a significant increase in total factor productivity, mainly through technological innovation to transform production modes and improve production efficiency. As an important talent reserve base for national modernization construction, colleges and universities need to respond promptly to the call of the times and accelerate the cultivation of innovative talents required for current social development in the face of the high-quality development requirements brought about by the new round of technological and industrial revolution. It requires colleges and universities to accurately grasp the external environment of development with a sharper and broader perspective, seize the development opportunities, and accelerate the upgrading and transformation of higher education. In this context, college and universities student work should also proactively adapt to the changing times, update educational concepts in a timely manner, adjust educational

methods, expand high-quality offerings, and meet the growing needs of the new generation of college students for personalized growth. This will effectively enhance the quality and effectiveness of education.

3.2. Empowering Student Work with Digital Intelligence Technology

Technological innovation, as a key driving force for the emergence of new industries, models, and driving forces, is a core element in promoting the development of new quality productive forces. The digital technology represented by big data and artificial intelligence has not only become an important driving force for accelerating the development of new quality productive forces, but also profoundly affects the digital transformation of higher education and teaching, promoting the development of education towards more personalized, intelligent, and open directions. Therefore, college and universities student work should actively adapt to the development trend of digital intelligence, effectively utilize digital technologies such as artificial intelligence, cloud computing, and big data to accurately manage, analyze, and evaluate student situations, so as to reduce manual dependence, reduce resource consumption, simplify work processes, and improve work efficiency. The application of digital intelligence technology in college and universities student work, can accurately understand the actual needs of students based on the relevant data of students' study and life in school, timely identify risks and hidden dangers, strengthen ideological and dynamic supervision, and improve the quality of student management and services.

3.3. Extending the Educational Field

The theory of "field" is a concept put forward by the famous French sociologist Pierre Bourdieu, which refers to "a network of objective relations between various positions"^[4]. Information technology has not only improved the efficiency of student work, but also promoted the expansion of the education field from traditional physical space to virtual space. While continuing to play the role of the main channel of classroom teaching, colleges and universities have gradually broken through the limitations of time and space by using technologies such as the Internet, mobile communication and cloud computing, and expanded the field of students' work. The application of some online platform and virtual community innovates the student management mode and greatly improved the effectiveness of education. At the same time, the rise of new technologies and industries has promoted deep cooperation between universities, enterprises, and research institutions in areas such as scientific and technological innovation, talent cultivation, and industrial development. This has achieved the integration of industry and education, science and education, expanded the field of combining teaching and practice, and gave birth to new models and forms of education. These changes not only reflect the extension of the education field, but also mark the strengthening of the interaction between education and other fields of society, thus promoting the overall development and progress of the education system.

3.4. Collaborative Education

Accelerating the formation and development of new quality productive forces requires optimizing the allocation of production factors and resources to drive the high-quality development of industries. This provides new insights for the high-quality development of student work in colleges and universities, which requires fully mobilizing all positive factors conducive to development and creating a good educational environment for joint participation and collaborative cooperation. The student work in colleges and universities covers multiple dimensions such as academic guidance, mental health education, and employment services. These work are intertwined and mutually influential, which requires close collaboration and joint promotion among various departments. Only in this way can we optimize workflow, reduce repetitive labor, and improve work efficiency. At the same time, there are a large

number of college students with obvious personality differences, and their needs for personal growth and development are different. In order to achieve the personal growth of students, colleges and universities need to integrate various resources and provide personalized services and guidance for students. Therefore, student work requires the collaborative efforts of multiple educational subjects in order to effectively enhance the effectiveness of education. This requires fully mobilizing the positive role of various educational subjects such as counselors, course teachers, and peer role models, activating their enthusiasm and creativity, to contribute to accelerating the cultivation of new talents. Through this collaborative education model, colleges and universities can more effectively adapt to the current economic and social development, and cultivate high-quality talents that meet the needs of the times for society.

4. Exploring the Path of High-quality Development of Student Work in Colleges and Universities from the Perspective of New Quality Productive Forces

Under the profound impact of the current new round of industrial revolution, colleges and universities should actively adapt to the new development trend, undertake the mission of talent cultivation in the era, and promote student work to steadily move towards the goal of high-quality development. It is not only a necessary requirement for implementing the fundamental mission of fostering virtue and cultivating new talents of the times, but also a practical need for building a high-quality education system and improving governance efficiency. Therefore, colleges and universities should improve their work service level and promote the comprehensive development of students by strengthening top-level design and team building, promoting digital transformation, broadening the field of education and outputting high-quality content.

4.1. Strengthening Top-level Design and Improving Institutional Guarantees

"System is a collective term for a series of norms and standards, which provide action adherence and effectiveness guarantee for the orderly development of work and the good operation of organizations." [5] A perfect institutional guarantee system is the key foundation for ensuring the orderly and effective operation of student work. Colleges and universities should fully recognize the significant significance of high-quality development in student work, regard foster virtue through education as the focus of student work, "regard the effectiveness of foster virtue through education as the fundamental standard for testing all work, and internalize it in all fields, aspects, and links of education" [6], continuously promote the comprehensive development of students, and enhance their sense of happiness and satisfaction. Colleges and universities should systematically plan and make overall plans, establish and improve rules and regulations for student work, formulate detailed plans for promoting student work, clarify the focus and goals of each stage of work, timely evaluate and adjust work plans to adapt to the rapidly changing social development and student needs. At the same time, we should increase overall coordination efforts, allocate education resources such as human, material and financial resources reasonably, and then continuously adjust education methods, optimize talent training models and accelerate the adaptation of student work to the current trend of digital and intellectual development in order to ensure the smooth implementation of student work.

4.2. Promoting the Transformation of Digital Intelligence and Strengthening Technical Support

Technical support is an important way to ensure the high-quality development of student work, especially under the background of digitalization and intelligence. The transformation of digital

intelligence has become an inevitable trend in the innovative development of student work in colleges and universities. Colleges and universities should fully utilize digital technology to empower student work, promote digital transformation of education and effectively improve work efficiency and service efficiency. Firstly, we should strengthen the construction of digital and intelligent infrastructure. Colleges and universities should further increase investment in campus network infrastructure construction, and continuously meet the network needs of teachers and students through technological and service upgrades. At the same time, it is necessary to strengthen the construction of network platforms, fully utilize information technologies such as big data and artificial intelligence to strengthen network supervision and ensure data security, thereby creating a good digital student work environment and continuously improving the quality of education and student experience. Secondly, we should promote the precise empowerment of education through digital and intelligent technology. Student management staff in colleges and universities should use new technological means to collect, organize, and analyze relevant data on students' learning, life, psychology, and other aspects, in order to accurately grasp the actual situation and needs of students, and provide personalized guidance and services to students. Meanwhile, communication tools such as QQ and WeChat should be fully utilized to understand the ideological dynamics of students. From the characteristic topics and demands that college students are more concerned about, targeted ideological and political education can be carried out to improve the pertinence and effectiveness of education. Finally, we should promote the construction of smart student work. Colleges and universities should make full use of advanced information technology and big data platforms to build a smart platform that integrates student information management, affairs management, intelligent consultation, behavior analysis, network warning, and other functions. It may strengthen the refined network management of student work, improve the convenience, accuracy, and authenticity of student work, reduce labor costs and improve work efficiency.

4.3. Expanding the Educational Field and Consolidating the Educational Platform

College student work must always grasp three key educational positions and comprehensively improve the quality of education. Firstly, we should attach importance to the main role of classroom teaching. Student workers in colleges and universities should fully utilize teaching forms such as class meetings, situation and policy education courses, employment guidance courses, micro party courses, and micro group courses to extensively carry out ideological and political education for students, fully leverage the main role of classroom teaching, tell good ideological and political stories, and spread positive energy. Secondly, the field of practical education should be expanded. Colleges and universities should fully integrate various educational resources, actively build and expand practical education platforms, guide students to actively participate in social practice activities such as internships and training, innovation and entrepreneurship, scientific research and innovation, and volunteer services. In this way, we can help students solidify their professional foundation, enhance their comprehensive abilities, and promote comprehensive development. Finally, we should strengthen the online education platform. Currently, the internet has become the main way for college students to obtain information, study, work, and relax. Therefore, colleges and universities should make full use of online platforms such as E-class, micro-blog, and WeChat to carry out various online cultural activities, provide high-quality online cultural products for college students. We should carry out ideological and political education in one way that is popular among college students, continuously enhancing the attractiveness and influence of educational content. Meanwhile, we will strengthen the guidance of online behavior among college students, do a good job in online education and management, guide students to develop good online literacy. In addition, it is necessary to further sort out, summarize, and condense excellent cases of online education,

strengthen the construction of online education brands, form good achievements in online education, and effectively improve the effectiveness of online education.

4.4. Enhancing the Development of Student Work Teams and Bolstering Talent Support

A student work team with solid professional knowledge and high professional competence is the foundation and prerequisite for achieving precise education. Currently, traditional models of student education and management are gradually unable to meet the needs for personalized growth among students. It is essential for student workers to swiftly adapt and proactively address the risks and challenges posed by the advancement of digital technology, fully relying on online technologies to precisely understand student needs and implement targeted educational strategies. Colleges and universities should establish a comprehensive mechanism for recruiting and developing talent in student affairs. Through the way of going out and introducing, colleges and universities should guide student affairs staff to proactively adopt advanced work philosophies, acquire specialized knowledge and skills, and swiftly develop professional competencies that align with evolving times. At the same time, it is necessary to establish a communication platform for counselors. Through the establishment of counselor's studio, academic salon and other forms, counselors are guided to focus on the key and difficult problems in their educational work, carry out theoretical and practical research, accelerate the formation of high-quality educational achievements, output excellent educational projects, and continuously develop towards specialization and expertise. In addition, it is also necessary to actively mobilize professional course teachers, class advisers, peer role models, outstanding student cadres and other educators to engage in student work. In order to form a collaborative educational pattern that provides solid support for the high-quality implementation of student work, it is important to facilitate communication and exchange channels between the student affairs department, youth league committee, educational administrative department and logistics support department.

4.5. Focusing on the Demand for Education and Providing High-quality Content Supply

Firstly, we should strengthen thought guidance. Student work in colleges and universities should rigorously concentrate on the core mission of cultivating virtues and morality. It is crucial to meticulously analyze the genuine needs of their student population, adeptly capture the ideological shifts among students, conduct substantive ideological and political instruction, and assist the majority of college student to firm their ideals and beliefs and establish a sound worldview and value system. Meanwhile, it is necessary to adapt to the trend and innovate actively to meet the online learning needs of students. We should fully utilize social media and online education platforms, etc. to carry out ideological and political education, create high-quality online ideological and political courses, and provide high-quality content for college students.

Secondly, we should strengthen the service guarantee to improve the depth of talent training. Student workers should optimally exercise the concurrent roles of education and management, focusing on the development of study habits, career mapping, employment guidance, innovative education, and other core areas, enhance the educational administration of university students, and supply precise and superior educational services. Colleges and universities should be encouraged to leverage cutting-edge technological tools, including big data analysis, to establish a comprehensive student service portal. This initiative would streamline administrative processes related to student affairs and strengthen the ongoing supervision of college students. Furthermore, colleges and universities ought to promptly heed the national directive for "one-stop" student community development, allocate all necessary management and service resources to the front line, build a student community education

ecosystem, ensure that educational services accurately cater to the requirements of students, and bridge the “last mile” of service delivery to students.

Thirdly, we should focus on integrating explicit and implicit education to enhance the effectiveness of subsidized education. Financial aid is an important component of student work and an important livelihood project that promotes educational equity and blocks the transmission of poverty between generations. Colleges and universities should fully integrate poverty alleviation with intellectual and spiritual support in carrying out funding for education. Student workers should enhance the promotion and interpretation of national funding policies, improve students' comprehension of funding policies, and provide precise material support by employing methods such as family situation investigations, feedback surveys, and home-school communication. Meanwhile, they should also implement gratitude, integrity, and motivational education for college students by organizing themed class meetings, quality enhancement activities, and practical exercises, so as to help college students enhance their self-reliance and self-confidence, improve their self-education and management ability, and achieve all-round development.

Finally, strengthen psychological counseling to enhance the effectiveness of psychological education. Colleges and universities should fully tap and integrate various psychological education resources both inside and outside the campus, and do a good job in monitoring, guiding, and intervening in the mental health of college students. A comprehensive mental health assessment should be administered after the new students enter the college, ensuring the precise identification and appropriate triage of students exhibiting potential psychological issues. A platform for psychological counseling services should be established to promptly and effectively offer online counseling and emotional support to students. It may help college students in accurately comprehending and addressing the developmental challenges in their thoughts, studies, and personal lives. We should innovate the form of psychological education through thematic class meeting, psychological scene show, psychological salon and so on. Focus on critical periods such as March 25th, May 25th, enrollment, graduation, before and after the examination, to carry out college students' mental health education, improve students' mental health awareness and adjustment ability. Moreover, the theory and practice of mental health education should be studied according to the hot and difficult problems encountered in students' work, so as to form a typical work case of mental health education, and the research results should be applied to the practice of students' mental health education to improve the effectiveness of psychological education.

5. Conclusion

In the era of globalization and technological advancement, the enhancement of new-quality productive force has emerged as a pivotal factor in fostering high-caliber economic growth and propelling Chinese modernization. This study explores how the student work in colleges and universities can achieve high-quality development in response to the demand for the development of new productive forces, ultimately enhancing the quality of higher education. In the future, the high-quality development of student work in colleges and universities may become an important indicator for measuring the success of higher education. Higher educational institutions must keep up with the evolving era, continuously adjust and improve the strategies and methods of student work to cultivate more innovative talents that can meet the needs of the new era, and contribute to the sustainable development of China and even the world.

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