

Thoughts and Countermeasures for High-quality Development of Scientific Research in Police Colleges

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Abstract. Since the 18th National Congress of the CPC, especially since the issuance of the Opinions of the Ministry of Education on Strengthening the Scientific Research of Education in the New Era, the reform measures of the domestic scientific research mechanism have been continuously taken, and the social governance problems faced by public security education are diversified.

1. Introduction

Police colleges are an important part of public security organs, which bear the important responsibility of carrying out police theory research, and are also contributors to the innovation of police science and technology. Since the establishment of police colleges and universities, they have contributed a number of scientific research achievements to the public security industry. It can be said that the scientific research work of police colleges and universities provides high-quality technical assistance and theoretical basis for the public security organs to safeguard national security and social stability^[1]. However, with the evolution of the international situation, the unpredictable risks and challenges are more arduous, the construction demand of peace China and the rule of law in China is more intense, and the situation of scientific research work in police colleges and universities is more complex, and some problems involved are gradually prominent. How to adapt to the change of scientific research environment and situation, how to overcome difficulties in key core technologies, and how to better promote the leapfrog development of the core combat effectiveness of the public security organs, is not only a practical problem for people at present, but also the concept integration of high-quality scientific research development in the future of police colleges and universities.

2. New Situations Facing the Development of Police Colleges

At present, the development of science and technology at home and abroad is advancing by leaps and bounds. A large number of high-tech enterprises and well-known colleges and universities at home and abroad have cooperated to study a number of cutting-edge scientific and technological achievements, which have been widely applied to various industries. The scientific research

development of police colleges and universities is facing unprecedented challenges and pressures. Only by taking the lead in breaking the situation and trying to seek high-quality development can they be in an invincible position in the future development of the times. The Police College has both traditional and old majors and emerging majors. How to combine the strong traditional professional heritage with the latest scientific and technological means, how to let the emerging majors consolidate the professional foundation through scientific research, and create new scientific research work is our future thinking direction.

2.1. The Development of Scientific Research in Universities in the New Period

In the new era, the state has issued a series of documents to deepen the reform of science and technology system and expand the autonomy of scientific research. A large number of science and engineering colleges and universities are accelerating the reform of scientific research system. Some non-public security colleges and universities have begun to study the frontier science and technology of public security technology, and quickly occupied some "high-precision" fields, which has posed a great challenge to public security colleges and universities. Some non-public security colleges and universities have joined hands with high-tech enterprises to find the combination point of artificial intelligence technology, big data means and the demand of the public security industry, and produced a number of practical products that meet the market demand and are relatively low in price, which are deeply recognized by the public security system. In the context of the new market demand, if public security colleges and universities grasp the opportunity of scientific research development, they can resonate with the market and ride on the high-quality development expressway. Otherwise, they may pass by the opportunity and cannot participate in the development.

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2.2. Police colleges need to strengthen scientific research exchanges and cooperation

The external scientific research exchanges and cooperation of public security colleges are commonly seen within the public security system. Political and legal departments are accustomed to the routine work of "management, control and resistance" for the management of scientific research cooperation, and the overall scientific research level is not competitive compared with other universities with a long history. In addition, compared with other comprehensive universities, public security colleges have differences in discipline development, school-running positioning, development concept and other aspects, and their scientific research development has its own characteristics, with fewer opportunities for cooperation and exchange.

2.3. Establish Scientific and Reasonable Research Teams

At present, most public colleges and universities do not have stable scientific research teams, and are in urgent need of scientific research teams with relatively stable personnel, reasonable age structure, distinct research characteristics and clear research direction. Schools should organize the cultivation of interdisciplinary, cross-professional and cross-departmental scientific research teams, and give full play to the important role of scientific research teams in scientific research and discipline construction.

3. Rational Analysis of High-quality Development of Police Colleges

High-quality development means to achieve targeted development goals by developing characteristic scientific research. As a characteristic university, public security colleges have both university characteristics and public security characteristics. To achieve high-quality development of scientific research level can consolidate existing advantages and make up for shortcomings, target national strategic needs, and promote the demand change from derivative development to connotative development. We should focus on the research of basic disciplines, focus on the development of basic, strategic and cutting-edge technologies of public security, make overall plans and implement them step by step, and gradually promote the scientific research level of public security colleges to a new level. The most important thing is to break the disciplinary barriers and the mode of scientific research work, pay close attention to the interdisciplinary areas, and integrate scientific research resources.

3.1. High-quality development meets the fundamental needs of scientific research and innovation in police colleges and universities

Public security work is facing new challenges in preventing and resolving major risks and maintaining social order. Key scientific and technological

breakthroughs and new crime governance research need the support of high-end scientific and technological innovation achievements. Public security scientific research and innovation work needs to be combined with the current national strategy of strengthening science and technology and the background of smart police work. Scientific research and public security work complement each other, providing intellectual support for the new era of police work. Public security colleges and universities closely follow the development of smart police work, big data, meta-universe and other new technologies. In the future, to achieve innovative development, they will continue to focus on the new trends of public security scientific and technological innovation work. In the context of high-quality development, it is necessary to promote the production of key scientific research achievements to enhance the application research of public security science and technology. Scientific research and innovation in public security colleges and universities is based on the improvement of the system and mechanism, which fits the new characteristics of public security scientific and technological innovation [2].

3.2. High-quality development meets the requirements of public security higher education reform

In order to promote the national "promote the reform of science and technology system, form a fundamental system to support comprehensive innovation"[3]. requirements, the reform of scientific research innovation in police colleges is imperative, and high-quality development can promote its reform to meet the needs of the development of police education. From the perspective of development background, high-quality development can promote the scientific research innovation of police colleges to inherit the historical advantages. In the background of the development of police colleges, a set of police education system with distinctive characteristics has been formed in the long-term process of running schools, and the development of scientific research innovation is an important part. High-quality development can promote the exchange and learning of police colleges to promote their strengths and avoid their weaknesses, and further improve the basic system to support scientific research innovation. From the perspective of development needs, high-quality development can make up for the shortage of scientific research innovation in single discipline colleges. High-quality development at the scientific research level can improve the quality of scientific research achievements, output iconic scientific research achievements, and enable the accumulation of overall scientific research strength of police colleges. From the perspective of development prospects, organized scientific research is of great significance to the realization of characteristic development of police colleges.

4.High-quality Development Strategies for Scientific Research Innovation in Police Colleges

Based on the characteristics of police colleges and universities, according to the needs of scientific research and innovation construction of police colleges and universities, police colleges and universities should strengthen the characteristics of public security and higher education, enhance the ability of organized scientific research, promote the cultivation of major scientific research projects, and boost high-quality development. Public colleges can start from improving the basic theoretical system of public security science and public security technology disciplines, and do a good job in the ideological cohesion, technical cohesion and talent cohesion from inheritance to development, so as to realize the cross-field, cross-disciplinary and cross-professional integration and innovation research mode covering emerging technologies, and form multi-direction and multi-level technological innovation points and growth points with the characteristics of public colleges and universities.

4.1.Gather Public Security Characteristics, Perfect the Reform of Scientific Research System and Mechanism

The essence of scientific research innovation in public security colleges is to enhance the high-quality development of public security colleges. First of all, the reform from the top-level design to the implementation level should be further promoted to stimulate the existing scientific research innovation vitality of the school. At the institutional level, the spirit of innovation documents of the Ministry of Public Security and the Ministry of Science and Technology should be strengthened as the guide, and the scientific research management system should be constantly improved. At the implementation level, the ability of the secondary colleges and the Department of Public Security to promote and coordinate should be given full play, and the new trends of smart police and public security work should be guided to set up relevant laboratories and apply for scientific research platforms, so as to provide basic support for scientific research innovation with public security characteristics. Improve the transformation system of scientific research achievements, promote the better application of scientific research achievements in the actual work of public security departments such as politics and law, and provide institutional guarantee for scientific research innovation with public security characteristics. The school should strengthen all-round cooperation, and realize the evolution from the primary integration of police resources to the deep integration and finally to the compound effect^[4]. Public security colleges should actively strive for national special funds, apply for all kinds of scientific research innovation projects, and constantly enhance the material basis of scientific research innovation. Public security colleges should strengthen the contact with the departments of politics and law in the aspects of project

joint construction and special research, provide professional services for the departments of actual combat, further consolidate research achievements, and expand cooperation paths.

4.2.Enhance the ability of organized scientific research, promote the cultivation of major scientific research projects

First, enhance the ability of organized scientific research. Police colleges and universities should integrate advantageous resources, concentrate on strengthening the theoretical research of public security disciplines, promote the sustainable development of public security disciplines, produce high-quality achievements, and strive to promote the development of organized scientific research in police colleges and universities, and produce achievements with originality, pioneering spirit and high academic value. Second, promote the cultivation of major scientific research projects, give full play to the guiding and incentive role of scientific research funds in police colleges and universities, select and cultivate a number of research projects with the strength of impacting provincial and national high-level major science and technology plans, and determine the key projects of science and technology at all levels to finance, so as to achieve a breakthrough of major leading original achievements.

4.3.Promoting the Strategy of Strengthening Universities with Scientific Research Talents and Stimulating Creative Vitality

Personnel training is the strong backing of scientific research innovation, strengthening the construction of talent echelon, and building a scientific research innovation talent system with the characteristics of police colleges. On the one hand, to promote the cooperation and mutual cooperation between talent training and innovation team. In the construction of discipline team in police colleges, cultivate and select the discipline leaders at all levels with great influence in the field of disciplines to be responsible for the construction of disciplines, and promote the discipline leaders to truly participate in the scientific research and innovation work. The construction of innovation team in police colleges should pay attention to the cultivation of scientific research talents, form a good talent training echelon, further refine the direction of scientific research, dare to explore new fields, and integrate new methods^[5]. The exchanges and cooperation between the discipline team and innovation team are conducive to creating a scientific research environment with a strong innovative atmosphere, giving full play to the role of "the whole is greater than the sum of the parts", and stimulating the vitality of the scientific research innovation system with the characteristics of police colleges. On the other hand, by introducing high-level talents, police colleges can increase the existing talent reserve of the school, provide endogenous impetus for the high-quality development of scientific research innovation in police colleges, grasp the latest trends of

scientific research in time through the exchange of high-level colleges at home and abroad, expand the horizon of scientific research innovation, and guide the high-quality development of scientific research innovation with advanced concepts.

4.4.Further Improve the Scientific Research Evaluation and Incentive Mechanism

The first point, improve the personal assessment and evaluation system. Formulate the annual and employment assessment management methods for full-time teachers, establish the basic workload standards for scientific research, and align with the performance-based pay distribution method. With the performance assessment as the goal, based on the quantitative scoring system, we will gradually break the situation of "ranking" and "can't go down", effectively solve the stubborn problems such as "good and bad", and eliminate the problems of "lying flat" and "rotten". Next we will establish an evaluation system for collective scientific research. The collective scientific research workload of each teaching unit will be linked to the departmental assessment, and at the same time, it will be linked to the daily assessment and annual assessment of the main person in charge of scientific research in each unit. Finally, we will advance the reform of the income distribution mechanism. Strengthen post employment management, improve the salary distribution system related to the daily assessment, annual assessment, employment period assessment, departmental assessment and other assessment and evaluation mechanisms.

4.5.Improve the quality of policy interpretation at higher levels

The administrative department of the police College should constantly strengthen the publicity and study of new policies, new theories, new trends and new requirements of scientific research work, so as to create a good public opinion atmosphere for the high-quality development of scientific research work of the school. Arrange special personnel to grasp and follow up the new policies and new developments of scientific research work in a timely manner, improve the institutionalization, standardization and diversification of policy interpretation, and ensure the convenience of policy interpretation and communication for the majority of scientific researchers. Establish a publicity work mechanism with clear responsibilities, clear division of labor and organic connection, strengthen departmental coordination and linkage, mobilize the initiative and enthusiasm of various departments to carry out publicity work, carry out thematic planning and theme publicity around scientific research work, improve the grasp of full-time teachers on policies at all levels, and lay a solid foundation for the application of various scientific research projects.

4.6.Provide Diversity of Resources

First of all, upgrade and optimize the scientific research

informatization platform, improve the technical service and support of scientific research informatization, and enhance the functions of research information sharing, so as to provide the information network foundation and support for the scientific research work of the police College; Secondly, establish cooperative relations with other universities, make full use of shared resources such as literature delivery, and comprehensively guarantee the diversified and multi-level needs of scientific research construction. The most important thing is to allocate special funds for scientific and technological research in the annual fund, and the scientific research management department of the school can give financial support after the research project is demonstrated.

5.Conclusions

In summary, the high-quality development of scientific research has become an important starting point for police colleges to serve the public security work, and the application of the proposed high-quality development countermeasures is a reasonable path to guide scientific research innovation and reform. This paper takes the current situation and high-quality development of scientific research faced by police colleges as the realistic background, and takes the current situation as the problem orientation, and deeply discusses the rationality and countermeasures of high-quality development, which improves new ideas and countermeasures for the scientific research work of police colleges in the future, and puts forward a reasonable path that meets the needs of high-quality development of police higher education.

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