

The mechanism of promoting the Public security colleges and universities of science and technology innovation ability with Chinese characteristics

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Abstract

Public security science and technology innovation is the key to strengthening police through science and technology, and Public security colleges and universities are the core force. Public security colleges and universities should seize the new opportunities faced by public security science and technology innovation, find out the problems and influencing factors in the current development, adhere to the demand and problem orientation, focus on superior resources, improve the implementation efficiency and further enhance the school's science and technology innovation ability.

Keywords

Public security colleges and universities; Science and technology innovation ability; Focus on resources; Output performance.

1. Introduction

National Public security colleges and universities are an important part of public security science and technology innovation system. [1] They are the main force of public security science and technology innovation and an important army of knowledge innovation. They are shouldering the sacred historical responsibility in implementing the strategy of rejuvenating the country through science and education, strengthening the country through talents and strengthening the police through science and technology and comprehensively promoting the construction of a well-off society. At present, domestic and foreign countries have made solid and in-depth research achievements in innovation platform construction and operation mechanism, innovation team construction, evaluation system research and so on. However, insufficient attention has been paid to the improvement of scientific and technological innovation ability in Public security colleges and universities, and the practical research under the guidance of theoretical research needs to be further strengthened. Public security colleges and universities of science and technology influence is the foundation of the public security system innovation ability, therefore, to adapt to the new era Public security colleges and universities of science and technology innovation ability to promote Chinese characteristics. In this paper, the technological innovation ability of the practical significance of the Public security colleges and universities, as well as the related factors of restricting the Public security colleges and universities of science and technology innovation ability and the countermeasures were discussed.

1.1. The necessity of the Public security colleges and universities of science and technology innovation ability to ascend

At present, public security science and technology innovation is facing new development opportunities. The Fifth Plenary Session of the 19th Central Committee emphasized that "innovation is the core position in the overall situation of China's modernization drive, and self-reliance in science and technology is the strategic support for national development" [2], It shows

that the country attaches great importance to scientific and technological innovation, and further creates a strong atmosphere for the whole society to promote scientific and technological innovation.

(1) Improving the ability of scientific and technological innovation helps to provide good theoretical support and technical support for public security reform and development.

One of the important functions of Public security colleges and universities is to provide scientific research support for public security work. Public security colleges and universities should actively carry out research on the development of science and technology innovation, put forward suggestions on the key technical problems urgently needed by public security business and the frontier direction of public security science and technology development, actively provide intellectual support for the planning of public security science and technology innovation development, and strive to become the backbone of the top-level design of public security science and technology innovation.

(2) Improving the ability of scientific and technological innovation helps to provide intellectual support for the training of public security personnel.

Public security colleges and universities at all levels bear the fundamental responsibility of training personnel for public security personnel. The quality of personnel training depends on the quality of teachers, and scientific research is an effective way to improve the quality of teachers and teaching quality.^[3] Teachers' scientific research can stimulate teachers' in-depth and meticulous thinking on teaching content, help to improve and update teaching methods, help to improve teaching quality, and further cultivate outstanding talents for the public security team.

1.2. Public security colleges and universities of science and technology innovation ability the restriction factor of ascension

The essence of innovation system was established through institutional arrangement, promote, encourage and support scientific and technological innovation system and policy environment, And agglomeration technology talents, can stimulate technology, coordination of science and technology association, to promote science and technology knowledge of social division of labor, efficient allocation of resources of science and technology market. Public security colleges and universities of innovation ability of the main factors on the basis of the subject of science and technology, security, performance, produce significant aspects.

(1) Science and technology innovation main body is weak

The Public security colleges and universities carry out the work of science and technology innovation main body mainly teachers engaged in teaching work at the same time. At present, teachers of police colleges, scientific research level. The power of scientific research. Public security colleges and universities determines the nature of the specific factors such as educational concept, goal, positioning, make teachers think that scientific research is not a main business, engaged in scientific research work of steam. Overload and heavy teaching tasks, make a lot of teachers teaching work, no energy and drive to carry out scientific research. The second is conducting scientific research depth is not enough. Engaged in scientific research work of the utilitarian heart, lead to the teacher in order to title and scientific research, in order to reward and scientific research, for examination.

(2) Inadequate protection of the basic science and technology innovation

Whether it is academic achievements, theoretical innovation, platform support, financial investment, or institutional policies, cultural atmosphere, Public security colleges and universities are at the middle and low level of key colleges and universities, and scientific research and exploration in many business areas is still a zero starting point. the foundation of accumulation is very weak. First, there is a lack of major policy support. According to the major support policies of the Ministry of Education, the Ministry of Science and Technology, and various

provinces, due to the influence of the management system, school capacity and contribution, many Public security colleges and universities are walking in the gap and on the edge. The second is the lack of high-end platform convergence. Relying on the lack of national laboratories, national think tanks and scientific research platforms in Public security colleges and universities, the situation of few, low, scattered and weak scientific research platforms seriously restricts the introduction of high-end talents and the output of high-quality scientific research achievements in Public security colleges and universities. The third is the lack of brand academic position. At present, the number of personnel of p Public security colleges and universities participating in all kinds of academic organizations is on the low side and the level is on the low side. The gold content of academic positions such as academic conferences and journals is not high, and the academic cohesion is weak, so it is difficult to form a national or international influence.

(3) The input intensity and output performance of science and technology resources are on the low side^[4]

The low intensity of science and technology investment in Public security colleges and universities is mainly reflected in: the total number of R & D personnel is relatively large, the total amount of R & D funding is not high, and the per capita funding of R & D personnel is low. The per capita output of R & D personnel is lower than the average level of key colleges and universities. combined with the analysis of the two indicators that reflect the quality of R & D output, namely, the frequency of cited papers and the frequency of patent items, although the total amount of R & D output in Public security colleges and universities is increasing year by year, however, there is still a considerable gap between the output quality and the key colleges and universities. the per capita output of R & D personnel and the overall quality of R & D output are not high. This is the key hindrance factor leading to the low innovation efficiency index of Public security colleges and universities.

2. Methods

In view of the restrictive factors and potential advantages of the innovation ability of Public security colleges and universities, combined with the advantages of the growth of innovation ability of Public security colleges and universities in our country, this paper designs a path to enhance the innovation ability of Public security colleges and universities, which is "gathering basic resources of science and technology-improving innovation efficiency-enhancing scientific and technological influence".

2.1. Gather basic resources of science and technology

The construction of university ecosystem conducive to innovation through environmental optimization is the basic condition of resource agglomeration. on the basis of environmental optimization, it is also necessary to provide technical support for resource aggregation and integration through the construction of innovation carrier (platform).

The construction of resource aggregation carrier is mainly carried out from three aspects: macro (national), meso (regional or industrial) and micro (enterprises, universities, research institutions) ^[5]. The carrier construction at the national level mainly revolves around the national goal and the implementation of the national strategy. At the regional level, we should focus on promoting the construction of incubation system relying on central cities, the cultivation of industrial clusters and the development of high-tech pilot areas. At the micro level, on the one hand, we should strengthen the construction of research universities and high-level research institutions in combination with knowledge innovation projects, and cultivate a number of well-known universities and research institutions that can carry out research based on the forefront of the world in the field of basic research.

We should give full play to the guidance and leverage effect of scientific and technological investment in Public security colleges and universities, and build a number of public R & D platforms involving major basic research and key technology development in key disciplines through the implementation of a number of major projects and projects. Support and encourage technological R & D centers and other measures to form a new mechanism for the accumulation and diffusion of innovative resources.

2.2. Improve the efficiency of innovation

To establish the evaluation system of innovation performance in Public security colleges and universities, the evaluation system of the efficiency of the use of scientific research funds and the economic accounting system containing innovation efficiency, [6] to improve the overall efficiency of scientific and technological innovation is the key link in the construction of innovation ability of colleges and universities. Judging from the current innovation ability of Public security colleges and universities in China, there is still much room for improvement in the efficiency of scientific and technological innovation in Public security colleges and universities.

First, in the field of system construction, it is necessary to build a supervision system of science and technology investment in Public security colleges and universities from project decision-making, project implementation, project supervision to project evaluation, so that the use of public security science and technology funds can operate under the environment of scientific decision-making and distribution, standardized implementation and verification, legal supervision and management, and systematic acceptance and evaluation.

Second, establish an evaluation and accountability mechanism for the authorities and principals in charge of the use of science and technology funds in Public security colleges and universities. Establish an evaluation and accountability mechanism for institutions and administrative leaders of Public security colleges and universities that make mistakes in decision-making and mismanagement of science and technology funds.

Third, as soon as possible, establish an economic accounting system based on scientific and technological indicators, an assessment system for relevant institutions and principals, and an evaluation system for the efficiency of the use of scientific and technological funds. Fourth, innovate the management system of science and technology funds in Public security colleges and universities, and reduce the administrative intervention in the process of science and technology investment and implementation.

2.3. Enhance the influence of science and technology

The innovation influence of Public security colleges and universities covers the ability of such colleges and universities' innovation system to gather and radiate the national public security science and technology resources, the decision and influence on the national science and technology development process, and the ability of scientific and technological innovation achievements to promote the national economic development. From the point of view of improving the control of science and technology, it mainly includes training high-end scientific and technological development and management talents; Building a world-class research university.

The ways to enhance the innovation influence of Public security colleges and universities include: First, cultivating leading talents or leading teams who can explore and lead new directions in the forefront of science and technology in the public security field. At present, the lack of high-end leading innovative talents is an important reason that restricts the improvement of Public security colleges and universities' innovative ability. Under the modern social conditions, leading talents play an increasingly important role. They are not only the founders and inventors of new ideas, new theories and new technologies, but also the advocates of new business models and pioneers of new industries. This kind of scientific and technological management expert with

comprehensive quality is the most valuable resource in the formation of innovation ability of Public security colleges and universities. Therefore, we should actively promote the cultivation of leading talents from three links: introduction, cultivation and good use.

Second, improve the quality of research and create landmark research results. At present, it is necessary to reform the scattered project-setting mode of Public security colleges and universities' scientific and technological funds investment, concentrate limited funds, and focus on supporting those research projects or research teams that can stand on the cutting edge and form landmark achievements. It is necessary to change the current paper-oriented and title-oriented evaluation system for R&D personnel, and establish a performance evaluation mechanism for scientific and technical personnel oriented by the academic value and social popularization and application value of scientific research achievements. Guide scientific and technical personnel to abandon the short-term behavior pattern of quick success and instant benefit, and strive to make original achievements.

Third, improve the internationalization of the innovation system of Public security colleges and universities, so that the innovation activities of Public security colleges can be in line with international standards in a wider field. At present, a considerable part of research in Public security colleges and universities is still closed in the national domain, and there is still a lack of proper communication and exchange with international academic peers. It is necessary to expand the innovation system of Public security colleges and universities through various channels, so that the innovation activities can be more based on the international frontier and achieve internationally recognized landmark results.

3. Results

Police colleges and universities should give full play to the advantages of scientific and technological innovation resources, tap the potential of scientific and technological innovation, rely on scientific and technological innovation to improve the quality of personnel training and social service level, establish and improve the system and mechanism of scientific and technological innovation, create a scientific and technological innovation environment, comprehensively enhance the scientific and technological innovation ability, and make important contributions to the implementation of the innovation-driven development strategy and the construction of an innovative country.

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