

Research on the Construction Path of Characteristic New Think Tanks in Universities under the Background of Big Data

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Abstract: Big data technology creates good conditions for the construction of new and efficient think tanks with characteristics. At present, there are still many problems in the construction of think tanks in colleges and universities in China. The active integration of big data technology into construction of university think tanks can promote the positive role of university think tanks comprehensively, which plays an important role in solving existing problems in the construction of university think tanks. This paper mainly analyzes the problems related to the construction of characteristic new think tanks in universities under the background of big data, as follows.

1. Introduction

Think tanks have the title of wisdom group, and university think tanks are also an important symbol of national soft power. Think tanks can play an important role in the construction of modern management system and the development of social economy. Under the background of big data, it is a common concern of colleges and universities in China to actively build new think tanks with characteristics. In the construction of characteristic new think tanks in universities, the effective use of big data technology can provide strong technical support, which is of great significance to enhance China's soft power and build a modern governance system^[1].

2. Problems Existing in the Construction of Characteristic New Think Tanks in China's Universities

2.1 Operation Mechanism Needs to Be Improved and the Resultant Effect is Missing

At present, there are many problems in the construction of characteristic new think tanks in China's universities, such as the operation mechanism needs to be improved and the resultant effect is missing. The problems are mainly manifested in the following aspects. First, the major research direction needs to be clarified. Although the construction of think tanks in China's universities has been greatly developed, many universities still do not find their own positioning, and do not do a comprehensive research work in the process of think tank construction, which leads to serious problems of homogenization, inefficiency and inaccuracy in think tanks. Second, think tanks in universities generally lack sharing and openness. At present, most think tanks in China's universities mainly serve internal researchers and affiliated institutions, lacking openness in academic exchange activities and research activities, and generally adopt closed meetings. This form is not conducive to the positive participation of the public, and is prone to problems such as the lack of openness and sharing of think tanks in universities, academic isolated islands, which is specifically reflected in the lack of social connection of the research content of think tanks in universities. Third, the independence of university think tanks needs to be improved. At present, most think tanks in colleges and universities in China are attached to social organizations and government departments. The lack of independence of university think tanks reduces the courage of their own criticism, and it is difficult to improve the influence of university think tanks. Fourth, the research activities carried out by university think tanks mainly focus on individual research, and lack cooperation, which easily leads to the lack of innovation in resource allocation, achievement transformation and

operation management, and the lack of comprehensiveness in social hot spot analysis. Fifth, the mechanism of talent transfer needs to be improved. The main reason for the imperfect mechanism of talent transfer in China's colleges and universities lies in the insufficient openness of think tanks, which is difficult to improve the attraction of talents in the semi closed or fully closed operation mode. In addition, there is no scientific and reasonable incentive mechanism for the construction of university think tanks, and there are not many full-time personnel involved in core management and research. In the case of low staff participation, it is difficult to promote the role of university think tanks to get a more comprehensive display. What's more, the marginalization of project research achievements in the title evaluation system of colleges and universities is more serious, which also reduces the enthusiasm of researchers to participate in the research and operation of think tanks to a certain extent, resulting in the low conversion and contribution rate of achievements ^[2].

2.2 Data Information Management Mechanism Needs to Be Improved

Data information management mechanism needs to be improved, mainly reflected in the following aspects. First, data information platforms for collaborative research are insufficient. At present, most university think tanks in China have not built their own data information sharing platform. The think tanks of major universities lack connectivity, and they have few opportunities for cooperation, so it is difficult to carry out collaborative discussion on an important project. Without the construction of data sharing platform, it will be difficult to reflect the real value of big data technology, and it will also be unfavorable for university think tanks to provide better services to social institutions and the government. Second, the ability to process data needs to be improved. At present, due to the limitation of technology and capital, most universities in China do not fully use effective tools in the integration of think tank data. Most of the integration tools used are traditional basic tools and manual data processing mode is generally adopted, which not only reduces the research efficiency of university think tanks, but also is difficult to ensure the accuracy of research. From the overall analysis, most of the university think tanks in China still have the problem of data processing capacity to be improved. Third, the lack of achievements supervision mechanism is also a problem in the construction of university think tanks in China. It is difficult to objectively evaluate the research achievements of think tanks under the imperfect situation, nor can the research achievements be transformed into a force to serve enterprises and society.

2.3 Achievements Transformation and Contribution Rate Need to Be Improved

The achievement transformation and contribution rate need to be improved, which is also a common problem in the establishment of university think tanks in China. The reason is mainly related to the imperfect research output mechanism and the imperfect project achievement transformation mechanism. The combination of the two mechanisms further reduces the conversion rate and contribution rate of university think tank research achievements.

3. Analysis on Construction Path of Characteristic New Think Tanks in Universities under the Background of Big Data

3.1 Optimize Top-Level Design to Further Improve the Decision-Making Consultation System

3.1.1 Position the Characteristic New Think Tanks Correctly

Under the background of big data, the establishment of characteristic new think tanks in universities needs to be correctly positioned to ensure the rationality and scientificity of think tank construction. The functions of university think tanks are various, such as public service function, government affairs consultation function, etc. In addition, university think tanks play an important role in talent training and the construction of academic system of think tanks in China. Under the background of big data, university think tanks need to adapt to the development characteristics of the times, take big data as the core driving force to build new characteristic think tanks, ensure that the role of think tanks is more comprehensively reflected, and improve the accuracy of think tank research ^[3-4].

3.1.2 Build Perfect Data Sharing Mechanism

Under the background of the new era, the requirements of university management for think tanks are also increasing. In the context of big data, the establishment of characteristic new think tanks in universities needs to build a perfect data sharing mechanism. Improving the data sharing mechanism can be considered from the following aspects. First, with the help of the interdisciplinary and multi-level characteristics of big data technology, a think tank exchange platform can be built to promote the high-speed information sharing among universities, society and government. On this basis, the complementary advantages and collaborative efficiency of the think tank service platform can be ensured to build a good environment for efficient think tank research. Second, the collaborative innovation between the think tanks of colleges and universities needs to be enhanced. With the strong support of big data technology, different types of think tanks can be built, which can ensure the interdisciplinary, interdisciplinary, cross-regional and cross-industry characteristics of the think tanks. Various types of think tanks can provide more comprehensive guidance and help to the country and society.

3.2 Promote the Innovation of Operation Management Mechanism of University Think Tanks

3.2.1 Enhance the Innovation of Data Management Mechanism of University Think Tanks

Improving the innovation of operation management mechanism of university think tanks needs to consider enhancing the innovation of data management mechanism of university think tanks. First of all, colleges and universities need to formulate a scientific and perfect organization system and management structure of think tanks, strengthen the standardized management of think tanks, and ensure the research output rate of think tanks. Furthermore, a big data think tank system can be established to monitor, manage and evaluate various scientific research activities in real time, which can ensure the visualization of the whole process of scientific research activities. In addition, the rationality of performance management can be ensured under the condition of visual whole process monitoring^[5].

3.2.2 Enhance the Innovation of Evaluation Mechanism of University Think Tanks

Under the background of big data, the establishment of characteristic new think tanks in universities cannot be separated from the innovative evaluation mechanism of university think tanks. Under the innovative and diversified evaluation system, the orderly operation of university think tanks can be ensured, and the objective evaluation and strict control of research achievements can be realized. Therefore, colleges and universities should adhere to the principles of multi index, wide applicability and multi classification in the construction of evaluation system. The evaluation system constructed under this principle can realize scientific, comprehensive and fair evaluation of different levels and types of university think tanks. In addition, colleges and universities also need to build other evaluation mechanisms, such as user evaluation mechanism, social evaluation mechanism and peer evaluation mechanism. Under the constraints of improving the evaluation mechanism, scientific research institutions, industries and government departments can qualitatively evaluate the product quality of think tanks, which can produce better suggestions in the evaluation process and promote the efficiency of think tanks in colleges and universities.

3.2.3 Improve the Flexibility and Efficiency of Talent Transfer Mechanism in Colleges and Universities

Under the background of big data, the establishment of characteristic new think tanks in universities needs to further improve the flexibility and efficiency of university talent transfer mechanism. This mode can ensure that the right to employ people independently of university think tanks continues to expand, which plays an important role in the proposed full-time and part-time, operation and research talent team. In addition, in the process of establishing characteristic new think tanks, colleges and universities need to actively obtain funds from multiple channels, constantly broaden funding sources, and ensure the independence of operation and research^[6-7].

3.3 Enrich the Channels of University Think Tank Achievements Transformation

3.3.1 Attach Importance to Building the Communication Capability of Think Tanks

First of all, it is necessary to enhance the cooperation between universities and the mass media, and use the power of media to publicize the operation and research results of university think tanks and expand their influence. Moreover, university think tanks should actively cooperate with well-known think tanks to improve the popularity of university think tanks. Finally, it is necessary to set up a perfect university think tank website and expand its communication power.

3.3.2 Absorb Innovation Capability and Governance Achievements Sound Mechanism

Absorbing innovation ability and governance achievements sound mechanism can stimulate the enthusiasm of university think tank researchers to participate in the work and research, and promote researchers to transform their intelligence into continuous innovation and creativity. In the process of transformation, the service level of characteristic new think tanks in universities can be further improved.

4. Conclusion

To sum up, the establishment of university think tanks under big data needs to develop in the direction of characteristics and new types. In view of the problems existing in the construction of think tanks in colleges and universities, we should formulate targeted measures to speed up the pace of the construction of think tanks in colleges and universities in China, and show their role more comprehensively.

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