Секция «Круглый стол «Национальная инновационная система»»

Exploring the Futures Landscape of Indo-Russian Innovations System

Научный руководитель – Asghar Tahir

Kouser A.[1]*, singh d.*[2]

1 - Jawaharlal Nehru University, Дели, India; 2 - Университет Джавахарлала Неру, Дели, India

Indo-Russian friendship is much beyond the strategic partnership. It has seen the turbid times of the cold war and the extreme events of wars, alliance and fluctuating centres of trade, energy and power in the subcontinent. Today, the global systems of finance is controlling the world economy through absolute control over technological knowledge. The post-Bretton Woods institutions are aiding these designs by creating a market through financial aid and vicious dependency cycles. In most of the cases the external aid and support is not meant to build the domestic capabilities or technology transfer. It creates a high dependency factor among the third world nations for foreign aid and technology. India in recent times have again tried to strengthened the roots of self-reliance through programs like Make in India and Skill India. The strong contours of Indo-Russian friendship in the areas of science and technology (S&T) collaborations can be utilized for mutual benefits. Which in return will consolidate the innovations systems by creating more linkages.

The major focus of this paper is to explore the possible areas of Indo-Russian S&T through an expert oriented Delphi exercise. On the basis of secondary literature the major possible frontiers for collaboration is explored. Thereafter a Delphi based questionnaire was created and circulated among the major area experts in academia, industry, politics and bureaucracy among both the nations. The Delphi survey data will be presented in the form of priority matrix, consolidating the S&T strength of both the nations.

References

1) Mokkink, Lidwine B., Caroline B. Terwee, Donald L. Patrick, Jordi Alonso, Paul W. Stratford, Dirk L. Knol, Lex M. Bouter, and Henrica CW De Vet. "The COSMIN checklist for assessing the methodological quality of studies on measurement properties of health status measurement instruments: an international Delphi study." Quality of life research 19, no. 4 (2010): 539-549.
2) Osborne, Jonathan, Sue Collins, Mary Ratcliffe, Robin Millar, and Rick Duschl. "What "ideas-about-science" should be taught in school science? A Delphi study of the expert community." Journal of research in science teaching 40, no. 7 (2003): 692-720.
3) Geels, Frank W. "Processes and patterns in transitions and system innovations: refining the co-evolutionary multi-level perspective." Technological forecasting and social change 72, no. 6 (2005): 681-696.
4) Lundvall, Bengt-Åke, ed. National systems of innovation: Toward a theory of innovation and interactive learning. Vol. 2. Anthem Press, 2010.
5) Nelson, Richard R., ed. National innovation systems: a comparative analysis. Oxford University Press on Demand, 1993.
6) Lyasnikov, Nikolay, Mihail Dudin, Vladimir Sekerin, Mikhail Veselovsky, and Vera Aleksakhina. "The national innovation system: the conditions of its making and factors in its development." (2014).

7) Sokolov, Alexander and Shashnov, Sergey and Kotsemir, Maxim and Grebenyuk, Anna, Identification of Priorities for S&T Cooperation of BRICS Countries (December 27, 2017). International Organisations Research Journal, Vol. 12, No 4 (2017)