

**Nadezhda L. Shlyk** – Candidate of Economics, Professor, Department of World Economy and Customs Regulations, Khabarovsk State University of Economics and Law (134, Tikhookeanskaya Str., Khabarovsk, 680042, Russian Federation). E-mail: nlshlyk@yandex.ru

## The Issue of the Workforce Training within the Economic Transition to the new Technological Level

*In this article the author analyses the development tendencies of the workforce training strategies due to the transition of the global economy into the Industry 4.0 level. This level of technological development is based on the innovative development and formation of the high quality human resources, as well as on the growing significance of the education establishments and ongoing training programs. New technologies bring vital changes to the labor market, affecting demand for certain professions and qualifications. The author looks at possible changes in professional development of young specialists in Russia, describes current problems in workforce training programs, and searches for possible solutions that could insure effective development of the human resources at the regional level. Regional economic specifics have to be taken in consideration, as well as the current process of formation of the industrial clusters and the Priority Social and Economic Development Areas. From this point there should be expected a high demand in engineers and technical specialists for construction, transportation, logistics, shipbuilding, aircraft building, oil and gas industry. To supply this demand state offices have to work closely together with business representatives, science and educational establishments.*

**Keywords:** Industry 4.0, Priority Social and Economic Development Area, innovations, development, human resources, workforce, educational industry, global economy, Russia, the Far East.

### References:

1. Berezutsky Yu. V. Professional self-determination of young people in the evaluation of students and their parents *Vlast' i upravleniye na Dal'nem Vostoke* [Power and Administration in the Far East], 2018, no. 3, pp. 72–88. (In Russian).
2. Galichin V. A. The international market of educational services: the main characteristics and development trends. M.: "Depot", 2015. (In Russian).
3. Gurdin K. Economic shadow theater - 2019 *Argumenty nedeli* [Arguments of the week], 2018, no. 51 (644), p. 7. (In Russian).
4. Kuznetsova G. V. The current position of Russia on the world R & D market *Rossiyskiy vneshneekonomicheskii vestnik* [Russian Foreign Economic Journal], 2017, no. 2, pp. 15–23. (In Russian).
5. Spartak A. N. Intellectualization of international trade *Rossiyskiy vneshneekonomicheskii vestnik* [Russian Foreign Economic Journal], 2018, no. 4, pp. 7–24. (In Russian).
6. Todosiychuk A. On the staffing of the innovative development of the Russian economy *Problemy teorii i praktiki upravleniya* [Problems of the theory and practice of management], 2016, no. 11, pp. 20–30. (In Russian).
7. Nikonov A. A. Potential and tools for the growth of innovative industries in the process of forming a new way of economics: a systematic approach. *Ekonomist* [Economist], 2018, no. 10, pp. 20–39. (In Russian).
8. Khokhlova M. G., Khokhlov I. I. Young People on the Russian Labor Market. *MEMO* [MEMO], 2018, vol. 62, no. 9, pp. 88–96. (In Russian).
9. Schwab Klaus. The fourth industrial revolution (translated from English). M.: EKSMO, 2016 (TOP BUSINESS AWARDS). (In Russian).
10. Shlyk N. L. Economics in Russia: Realities and Prospects. *Vestnik KHGUPE* [Vestnik KSUEP], 2017, no. 3, pp. 4–14. (In Russian).
11. Education at a Glance 2017. OECD Indicators. *OECD* [OECD], 2017, pp. 250–256 (the date of the appeal is 10/14/2018).
12. The Global Competitiveness Report 2017 – 2018. Geneva: World Economic Forum. 2017 p. 249.
13. Education at a Glance 2018. - Paris: OECD Publishing 2018, pp. 47–48, 54–55.
14. OECD Science, Technology and Industry Scoreboard 2017: The digital transformation. Paris: OECD Publishing. 2017, pp. 34, 36.

### Reference to the article

Shlyk N. L. The Issue of the Workforce Training within the Economic Transition to the new Technological Level // Power and Administration in the East of Russia. 2019. No. 1 (86). Pp. 77–83. DOI 10.22394/1818-4049-2019-86-1-77-83