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THE ROLE OF EDUCATION AND HUMAN CAPITAL IN ECONOMIC DEVELOPMENT

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Abstract

The article scientifically examines the role of education and human capital in economic development. The impact of investments in education on economic efficiency, qualitative changes in the education system, and the impact of human capital on economic stability were also practically analyzed.

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Introduction.

In the modern developing world, the topic of the role of education and human capital in economic development is very important and comprehensive. In the development of the economy, human capital, that is, the knowledge, skills, and potential of people, is one of the main resources. Human capital is formed through education, which, in turn, increases the efficiency of economic activity.

Education is not only the acquisition of knowledge, but also the process of developing a person's personal potential, expanding their contribution to social and economic life. The knowledge and skills acquired through education not only make people competitive in the labor market, but also expand their creative and intellectual potential. This process, in turn, has a positive impact on economic growth.

Human capital is a resource consisting of members of society who have developed education, skills, and potential. The effective use of their knowledge and skills in the economy increases the overall well-being of the country. A high level of human capital increases the competitiveness of the economy, production efficiency, and attracts workers in the labor market to qualified and innovative activities.

Today, the connection between education and human capital has become one of the main priorities of economic policy for many countries. Training a more qualified workforce through the education system and supporting scientific and technological innovations are crucial for ensuring economic stability.

Therefore, the role of education and human capital in economic development requires comprehensive analysis and study. For the development of human capital, it is necessary to improve the education system, adapt to new technologies, and train qualified personnel who meet the economic needs of society.

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Research and methods.

Scientific research on the role of education and human capital in economic development has been conducted in various countries of the world. Many famous scientists, economists, and specialists in this field have conducted their research, emphasizing the important role of education in economic growth and development. Below are some scientists who have conducted research on the role of education and human capital in economic development and their works:

Gerry Becker is known for his scientific work in many fields of economics and sociology, and is one of the scientists who expanded the concept of human capital. He made significant contributions to the study of education and the economic efficiency of human capital.

In Becker's work "Human Capital," the economic significance of education and training is analyzed in detail. He showed the importance of improving people's knowledge and skills through education and training, making them competitive in the labor market. Becker emphasized that human capital investments provide not only individual benefits but also economic growth at the societal level.¹

Robert Lucas is a Nobel laureate in economics, who has signed important scientific works on studying the role of education and human capital in macroeconomic growth. His work "Human Capital and Economic Growth" emphasizes the important role of education and skilled labor in understanding economic growth².

In his research, Lucas showed that the effectiveness of human capital depends on the number of knowledgeable and skilled workers in society. He explained how education can accelerate economic growth and support innovation. Lucas's works extensively analyze the impact of scientific and technological progress and educational processes on economic development³.

Result and discussion.

Theodor Schultz is one of the leading scientists in the field of human capital. His work "Investments and Human Capital" views education as a central element of economic growth and development. Schultz considers education as an investment aimed at economic development and explains the significance of this investment in the qualification of workers in the labor market.

Schultz explains how investments in education and healthcare systems for economic development can increase the overall well-being of society. He emphasizes that the development of human capital will be a long-term and sustainable strategy for economic growth.⁴

Amartya Sen is a Nobel laureate in economics, who led important scientific works studying the role of education and human capital in ensuring equality in society and social development. Amartya Sen's work "The Ability Approach" examines not only the economic, but also the social and cultural aspects of human capital.

Amartya Sen emphasizes education not only as an economic resource, but also as an important tool for expanding people's opportunities and increasing social equality in society. In his opinion, education and human capital are one of the main factors of fair and sustainable development in society⁵.

Joseph Schumpeter is known for his study of innovation in economics and production innovations, and his "Creative Disruption" theory is important in demonstrating the role of education and human capital

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¹ Becker G. S. Human capital: A theoretical and empirical analysis, with special reference to education. - University of Chicago press, 2009. – 63 p

² Lucas, Robert E Jr. "Human Capital and Growth." American Economic Review 105. 2015. (5). P. 85–88.

³ Lucas, Robert E Jr. "Human Capital and Growth." American Economic Review 105. 2015. (5). P. 85–88.

⁴ Schultz Theodore William. The Economics of Being Poor, Cambridge, Massachusetts, Blackwell Publishers. 2000. – 152 p

⁵ Sen, Amartya; Foster,. On economic inequality. Radcliffe Lectures. Oxford New York: Clarendon Press Oxford University Press. 2015.

in economic development. Schumpeter viewed innovation as a key factor in economic growth and considered educational and research activities necessary for the development of innovation⁶.

According to Schumpeter, education is not only an important tool for the qualification of the workforce, but also for the creation of new ideas and technologies. This increases the efficiency of the economic system.

Erik Hanushek and Ludger Voessman are scholars who have conducted numerous studies on the role of education and human capital in economic development. In their work "Education and Economic Growth," they analyzed how the quality of education is related to economic growth. Their research shows that quality curricula in the education system have a positive impact on economic growth.

According to Hanushek and Voessmann, economic growth can be accelerated by improving the quality of the education system. In their research, they proved how changes in the level of education are related to an increase in the number of qualified workers in the labor market.

Scientific research on the role of education and human capital in economic development shows that education is an important resource of economic growth. The studied scientific works highlight the role of education in improving the general well-being of society, supporting innovation, and ensuring economic stability. These studies define the main directions in the formation of important policies and investments for the development of education and human capital.

Education and human capital are an integral part of economic development. Thanks to the qualitative development of human capital, the competitiveness of the economy increases, production efficiency increases, and new innovations are implemented. Furthermore, expanding and investing in education contributes not only to economic growth but also to social well-being and sustainable development. The economic success of countries will largely depend on policies aimed at the education system and human capital.

When summarizing the role of education and human capital in economic development, it is necessary to consider several key points:

Education is the main source of human capital formation, increasing labor market efficiency and improving production processes. Through education, people develop their knowledge and skills, which, in turn, has a positive impact on economic growth. Innovation, technological progress, and new working methods arise as a result of investing in education.

Conclusion.

Human capital is the skilled and educated workforce in society, which has a great impact on the development of the economy. Well-educated and skilled workers effectively manage production, use resources economically, and develop new innovations. Human capital is an important factor in achieving economic stability and prosperity.

Education is not only a key element of economic growth but also plays a major role in ensuring social equality and stability. Equal access to educational opportunities reduces economic disparities and increases social mobility. As people increase their knowledge, they have the opportunity to find their place in society, which has a positive impact on the economy as a whole.

Investing in education and human capital increases economic efficiency. In the long term, investments in education will accelerate economic growth by introducing new technologies and optimizing production processes. However, the education system, the awareness of the need to improve its quality and invest in it, remains an important factor in the economic policy of each country.

⁶ Hanushek, Eric A., and Ludger Woessmann. "The Role of Cognitive Skills in Economic Development." Journal of Economic Literature 46 (3). 2008. P. 607-68.



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