IMPACT FACTOR (UIF): 8.47
IMPACT FACTOR (SJIF): 8.47

ISSN: 2249-9822

TJE

Thematics Journal of Education

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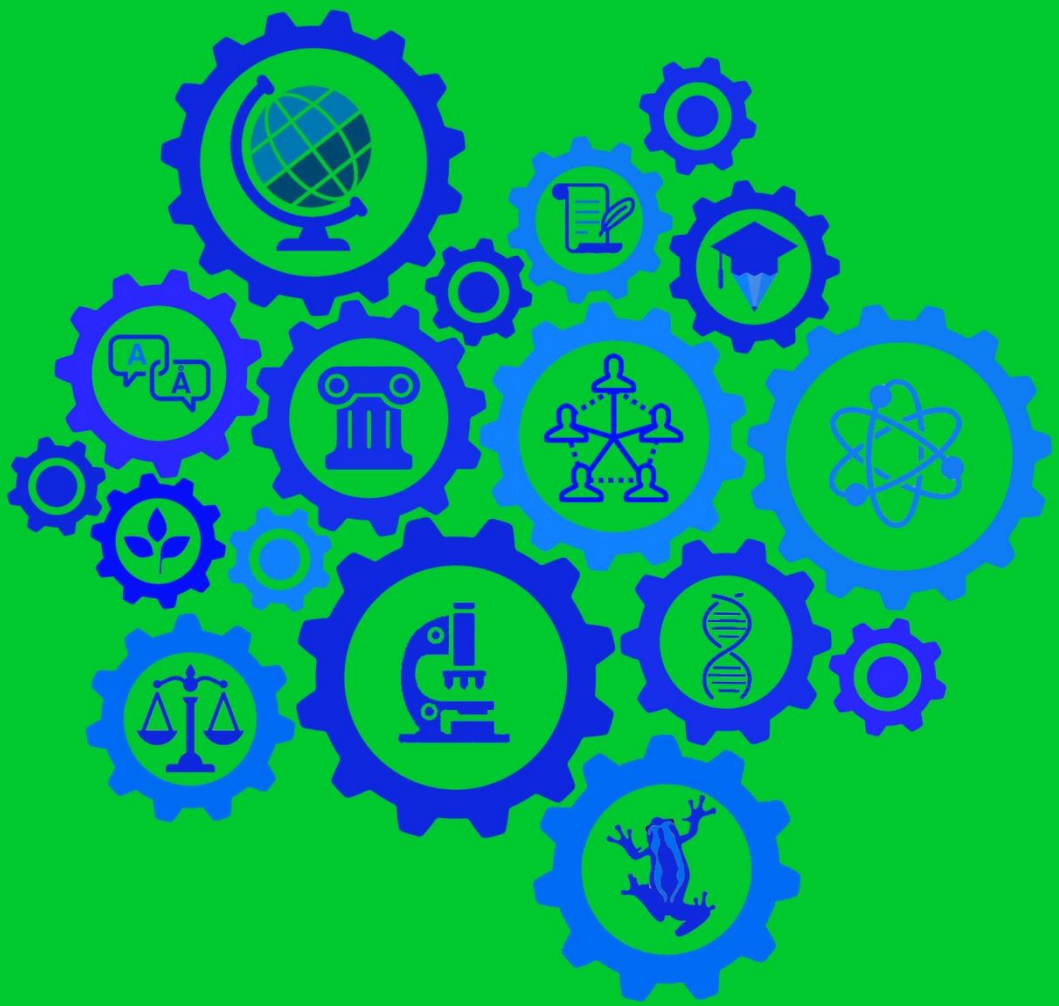

TJE - Thematic journal of Education
ISSN 2249-9822
Vol-8-Issue Q1- 2024
http://thematicsjournals.in/index.php/tje
researchbib impact factor 8-2024

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TJE - Thematic journal of Education
ISSN 2249-9822
Vol-8-Issue Q1- 2024
http://thematicsjournals.in/index.php/tje
researchbib impact factor 8-2024

TEXTILE INDUSTRY PROSPECTS FOR THE DEVELOPMENT OF INVESTMENT PROCESSES.

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Abstract. This article is devoted to the issues of increasing the efficiency of investment processes in the textile industry. Conclusions are made on the improvement of the linear dependence obtained from the theoretical regression equation between the volume of investment in fixed capital in the textile industry and the volume of industrial production in the industry.

Keywords: Investment efficiency, investment attractiveness, financial stability, value chain, textile products, net profit, production capacity, innovative technologies, determination coefficient, regression model.

In the course of the globalization processes taking place in the world economy, the center of textile production has shifted from Europe and the USA to the developing countries of the South-East, Central Asia and South America [1]. This has led to significant changes in the development of the textile industry over the past 10-15 years. At the same time, over the past two years, that is, in 2021-2022, prices for cotton and kalava yarn have risen sharply in the world markets [2]. As a result, dramatic changes have occurred in the world textile market. In countries producing traditional textile products, the need for cotton and yarn has increased. Today, there is an increasing need in world markets for products with high scientific and technical potential; in the context of the development of knowledge-intensive industries, there is a need for further development of the textile industry network that supplies high technologies to the sectors of the economy. , and to increase the efficiency of investments in the sector is increasing.

In world practice, targeted scientific research has been organized with the aim of scientifically solving a number of problems in the development of investment processes, including a comprehensive approach to issues of more effective development of investment activities, ensuring investment attractiveness and financial stability. sustainability of communications enterprises, the introduction of new types of services, improving existing methodological approaches taking into account the dependence of net profit on the volume of attracted investments and costs in the textile industry Special attention is paid to improving the organizational and economic mechanisms for managing investment activities.

Optimization of investment activities at textile industry enterprises in our country and improvement of their management processes, increase of economic

[1] www.oecd.org
[2] https://uzts.uz/pahta-tolasi-va-kalava-bozoridagi-vaziyat/

potential of enterprises in the industry due to full formation of the chain of added value in the industry , thereby ensuring employment of the population, interest of the population in textile industry products. Attention is paid to meeting the needs of the people and increasing their well-being.

Literary analysis and methodology.

Issues of investment management of textile industry enterprises are reflected in scientific research by foreign scientists F. Taylor, P. Drucker , M. Porter, I. Gordon, M. Waits, D. Wolf, M. Enright and others .

Scientific research in this area was carried out by G.B. Kleiner, A.A. Igina , E.I. Krilov , A.N. Irdonova , V.V. Glukhov, L.F. Komutova, M.I. Saidarzoda, P. A. Mukhsinova and other scientists from the CIS countries.

Sh.N.Zainutdinov, M.A.Mashkamova, B.A.Abdullaev, G.D.Khasanova, T.Z.Toshpulatov, I.I.Soliev, O.E.Ernazarov in Uzbekistan it is possible to transition the economy to the path of innovation-investment development, including management of innovation-investment activities. activities of industrial enterprises, textile enterprises , effective organization and study of management mechanisms in it , area of changes It is important to determine its significance in development. due to its importance, this creates the need to conduct research work in this direction.

Views on the concept of investment and these definitions[3]

Author(s)	Views and approaches
U.G.Ofurov	Investments are the monetary form of expenses for the restoration and increase of fixed and working capital, and the expansion of production capacities.
D. Gozibekov	The purpose of investment is to obtain funds from clear and reliable sources, mobilize them in a reasonable manner, preserve the value of capital taking into account the level of risks and achieve the planned effect.
N. Khaidarov	investments - regardless of the form of ownership, individuals and legal entities operating on the basis of entrepreneurship, or the state, in order to obtain economic and social benefits, spend their wealth on any object of entrepreneurial activity that is within the scope of the law.
H. Dzhoraev	Investments are all types of property and intellectual assets invested in entrepreneurial and other activities that result in profit (income) or social benefits.
S. Makhmudov	Investments are the use of financial, material and intellectual assets of individuals and legal entities operating on the basis of entrepreneurship, or the state, regardless of the form of ownership, for the purpose of obtaining economic and social benefits, at any object of entrepreneurial activity within the scope of application of the law
A. Seminar	Investments in a broad sense are the direction of capital

[3]Developed by the author.

	investments towards the use of long-term consumer goods or the acquisition of new assets, and in a narrow sense, they are the organization of the development of basic instruments with the aim of obtaining material goods or achieving efficiency in various sectors of the economy.
W. Sharp	Investments are a collective type of investment of financial, property and intellectual assets in various industries, investment projects with the aim of developing production, entrepreneurship, making a profit or other final results.
N. Nazar	Investments are capital investments made in various areas of activity with the aim of making a profit or achieving another useful result.
L. Igonina	Investments are an important value that constitutes aggregate demand, representing the economy's demand for investment goods and characterizing the level of investments carried out by entrepreneurs to ensure the restoration of the consumed portion of fixed capital and the growth of real capital.
Authorship approach	Investments are funds directed into fixed and human capital with the aim of obtaining future profit. Investments directed into fixed capital are the basis for the formation of fixed assets of the economy and its material potential. Investments into human capital ensure the efficient use of fixed capital and its reproduction.

Analysis and results.

The volume of textile production in our country has been increasing in recent years as a result of the creation of clusters and the introduction of innovative technologies in the industry. In particular, the production of textile products accounts for more than 14.0 percent of the manufacturing industry. 62757.0 billion in 2022. textile products worth soms were produced

Table 1

Dynamics of the volume of production of textile products and clothing in 2018-2022 (billion soums)[4]

Indicators	2018 year	2019 year	2020 year	2021 year	2022 year
Production of textile products	24835.1	31726.3	40864.5	52372.3	62757.0
Clothing manufacturing	11367.2	9648.4	10167.3	13592.8	17210.1

Table 2 shows that the production of textile products in 2022 compared to 2021 will amount to 10384.7 billion soums (119.8%) and clothing production 3617.3 billion soums. increased by soums (126.6%). The regions with the largest share in the total volume of textile production on a national scale were: Fergana region - 14.6%, Tashkent region - 10.2%, Kashkadarya region - 9.2%, Samarkand region - 9.1%.

[4] Author's development based on information from the association "Uztokimaliksanoat".

Based on the calculation results , the results obtained from the theoretical regression equation of the linear relationship between the volume of investment in fixed capital in the textile industry and the volume of industrial production in the industry are expressed in the table found below.

(see table 2).

Results of regression analysis[5]

Indicators	**Regression equation coefficients**	**Standard error**	***t* - statistics**	***P* - value**
Factor parameters				
a_0 - free term	584.223513	715,160954	0.816911	0.427661
β - coefficient	12.079893	1,416985	8.525062	6.48429E-07
Parameters of the equation				
Number of observations	16	X		
R - square	0, 838480			
F - statistics	72 , 676689			

So, based on the data in the table, if we replace the parameters related to equation (3), we get the following empirical equation:

$$\hat{y}_x = \underset{[0.817]}{584.223} + \underset{[8.525]}{12.079}x,\ R^2 = 0.838,\ F = 72.676 \quad (3)$$

In this case $\hat{y}_x$, is the volume of industrial production in the textile industry, *x* is the volume of investment in fixed capital in this industry.

The results of the regression analysis show that the value of the calculated coefficient of determination (^{R2} = 0.838) is 83.8%, which means 83.8% of the total change in the volume of industrial production in mechanical engineering and mechanical engineering. The percentage of the metalworking industry included in the regression equation was formed due to the dynamics of investment in fixed capital of this industry .

Above r i econometric model and so about sid a I study bone marrow. produce a harvest How are you? in hajj his content i yes Part b die and n hour a r xy l The quantitative impact of such textile products can be estimated .

In it, the total volume of textile production (*y*), the resulting factor and fiber (x) , finished cotton fabric (x_2) , non-woven fabric (x_3) , cotton (down) ($x4_)$, *knitted* fabric ($_{x5}$) , ready-made clothes (x_6) , socks (x_7) are influencing factors. Their relationship can be expressed in the form of a multivariate regression model as follows.

$$Yes = a_0 + 1X + 2x_2 + 3x_3 + 4x_4 + 5x_5 + 6x_6 + 7x_7$$

[5]Author calculations

+ ε

That 's all to the model is being introduced Show content I'm in the middle correlation Oh my god , I have a job you foot cor r yel I am this mother sa with ini you zish back a di bang holan and di .

Chapter 3 v a l U ft fix the situation matrix[6]

	(she)	(X)	(x_2)	(x_3)	(x_4)	(x_5)	(x_6)	(x_7)
(she)	1	0.98770	0.98394	0.85323	0.80537	0.98821	0.99584	0.97295
(X)	0.98770	0.96487	0.96487	0.85764	0.85856	0.97988	0.98441	0.96380
(x_2)	0.98394	0.85764	0.80507	0.80507	0.71086	0.97505	0.98441	0.94375
(x_3)	0.85323	0.85856	0.71086		0.86053	0.82090	0.80638	0.78668
(x_4)	0.80537	0.979884	0.975055	0.86053		0.80443	0.78227	0.79955
(x_5)	0.98821	0.984417	0.984412	0.820900	0.804439		0.989452	0.948702
(x_6)	0.99584	0.9638	0.9437	0.806388	0.782270	0.989452		0.9769
(x_7)	0.9729			0.78668	0.79955	0.94870	0.97698	1

The results of the correlation analysis showed that there is a high correlation between the resulting and influencing factors, i.e. ,

$r_{uh} \geq 0,7$ var $x_{n_x n_{\pm k}} \geq 0,7$.

$$Yes = -3869,1 - 2,7x + 4,6x_2 + 143,9x_3 - 2,6x_4 + 6,9x_5 + 32,6x_6 + 4,4x_7 \ (3.12) \ (p = 0,99, F = 716,92, WITH = 354,96)$$

Therefore, new projects (T), capital invested in projects (total cost of projects) (K), export potential (EX) and labor force employed in textile production facilities (Q) have a great influence.

The results of the analysis showed that there is a close relationship between the resulting and influencing factors . $r_T \geq 0,7$, $r_{TO} \geq 0,7$, $p_l \geq 0,7$, $r_{TO} \geq 0,7$, $r_{FORMER} \geq 0,7$, $r_l \geq 0,7$, $r_{KEH} \geq 0,7$, $R.K.L. \geq 0,7$, $r_{EXL} \geq 0,7$.

The quantitative dependence of factors influencing the production potential of the textile industry can be analyzed on the basis of a multifactor regression model.

$$question = 5959,37 + 130,34T + 41,26K - 117.32EX + 0,48l$$

[6]Compiled on the basis of the author's accounting books .

($R = 0,94$, $F = 29,27$, $WITH = 2258,36$)

According to the results of regression analysis, the factor that has the greatest impact on the production potential of the textile industry is the number of newly created projects, the next factor is capital and labor resources involved in the projects. Export potential has an inverse effect on the production potential of the textile industry.

If the reverse effect of this factor is theoretically considered as a result obtained on the basis of modeling the economic process, then from an objective point of view, the export potential has a reverse effect on the production potential of the textile industry in each period (year). This can be explained by the fact that there was an uneven dynamics of the volumes of the export potential of the increased projects. It should be noted that in econometric modeling of economic processes, the development of forecast indicators is of great importance. In particular, the development of forecast values of the main indicators reflecting the production potential of the textile industry is important in developing promising strategies for the further development of the industry.

Therefore, according to the results of the above correlation analysis, as long as there is a close relationship between the resulting and influencing factors, the change in each indicator by the time factor is predicted based on suitable trend models, including linear, parabolic, exponential, graduated and logarithmic trend models.

Conclusions and suggestions.

In the strategic development of the textile industry of our republic, the increase in the organizational and technical level of enterprises in the industry by implementing target projects is of great importance in increasing the efficiency of investment management. In order to increase the organizational and technical level of the textile industry, it is advisable to re-equip a number of enterprises that are currently operating, but the installed equipment and technologies do not meet modern requirements, and to introduce new equipment and technologies to them.

In order to determine the level of efficiency of investment management at textile industry enterprises, the forecast of investment development of the enterprise is based on the factors of production volume, investment and innovation costs, number of people employed in the main production, production capacity of the enterprise and the parameters of the average wage of the enterprise are developed.

In the future, it is important to use the following mechanisms for sustainable development of the national textile industry:

- further increase in the export potential of domestic textile industry enterprises through the effective use of import quotas from countries considered to be large markets for textile products;

- support for the modernization of the textile industry through foreign investment, technical and technological renewal;

- creation of special textile territories for the placement of textile industry enterprises with foreign investments and providing them with benefits and

preferences;

- accelerate the introduction of modern technologies of production, management and marketing in the textile industry and expand the range of products ;

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