



INNOVATIVE THINKING AND ITS FORMS AND TYPES OF MANIFESTATIONS

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Article history:	Abstract:
Received: 6 th March 2022 Accepted: 6 th April 2022 Published: 14 th May 2022	Empirical, theoretical, visual, logical, spatial and other types of thinking play an important role in the development of innovative thinking. For example, theoretical thinking is considered to be part of innovative thinking, which is associated with working with a high degree of abstract concepts. Empirical thinking is defined as the process of innovative thinking through visual images obtained as a result of emotional perception.

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It should reflect the features. For example, innovative thinking can also go beyond the scope of creative, that is, existing algorithms, samples, models. Because exactly creative thinking helps a person to achieve new results, mainly subjectively. In addition, innovative thinking differs from creative thinking, which is carried out in art. Works created by the artist through an inner emotional world are always evaluated as an object of innovation. For the inventor, however, the innovation goal is of paramount importance in achieving a tremendous result by spending less labor. The concept in the process of creative thinking is the time of birth of something new that can not be born within the framework of existing algorithms.

Innovative thinking is manifested in a specific way in human activity, both scientifically and theoretically. Such scientific thinking is carried out in accordance with the methodological principles that direct scientists in the approach to research and their results. No, it's not. Senko believes that scientific thinking "is a characteristic feature of it in relation to theoretical thinking, which makes it possible to distinguish the theoretical thinking of this period from its predecessors." Concepts that work on the basis of theoretical thinking will also have an abstract level that exists at the level of modern science. Because without it, it is impossible to create an innovative product that is required in the modern development of Science and technology, without generalizing, without creating several tested theoretical models for the studied phenomena and processes. For example, the creation of a new source of energy can be carried out only on the basis of modern knowledge and technology.

Innovative thinking is constructive. When we say constructivism, we understand the ability to accurately diagnose the goal and choose the methods and tools that suit it, plan the sequence of actions, determine the degree of achievement of the goal and, if necessary, change it to dialectically, make timely changes to the plan, understand the consequences of the introduction of innovations. A synonym for constructiveness can have productivity as its ideal embodiment.

Constructive thinking is not subject to emotions, logical, consistent, methodical, seeks to pursue the ultimate goal, not distracted by secondary factors. Constructive thinking can be figuratively imagined as a limiting obstacle leading to the fiery and unpredictable horse's goal of creative thinking. Performing music on the assembly line is an ideal combination of creative and technological in innovative thinking. That's exactly what was done by the famous American inventor Edison, who managed to flow his technical vision and take advantage of them. Innovation is closely related to the same process of thought pragmatism. The inventor or inventor is not only limited to the invention or invention, but also participates in the achievement of practical results from the discovery, the introduction of the invention. At the same time, he must harmonize in himself the personal qualities of a scientist, organizer, manager, entrepreneur. Because Sh.T.As Kubaeva said, "innovation is carried out by individ people who have innovative thinking. The object of innovative thinking occurs through the creation of innovative education. And innovation education, in turn, contributes to the development of an understanding of the meaning of life and its reproduction in future specialists, with which an innovative vision is formed that motivates the individual to realize innovations"¹.

The owner of innovative thinking should be aware of the existing conditions, use them effectively. In particular, as Nick Bostrom, director of Oxford University, correctly pointed out: "due to the acceleration of technological progress, it is likely that humanity is now approaching the critical turning point of its development with

¹ Kubaeva Sh.T. Game and Innovation Mentality (ontological and gnoseological analysis). Author of the dissertation of the doctor of Philosophy (PhD) in philosophy. - Samarkand 2019. - Page.17.

great speed. The nuclear threat, which has become well-known to mankind, is now accompanied by unprecedented opportunities and risks of technologies that have begun to develop rapidly in such areas as nanotechnology and machine intelligence. Our future, if it happens, depends on our attitude to these processes. Since we depend on rapidly developing technologies, we must have a good understanding of the dynamics of the transition from human to post-human (non-human) society. Especially we need to notice where the traps are located: the path that can lead to inevitable death."²

Innovative thinking is of a constructive character. Constructive means is understood the ability to set diagnostic and truthful goals, as well as the ability to choose the appropriate methods and tools, plan the sequence of actions, determine the degree of achievement of the goal, if necessary, make dialectical correction, make changes to the plan implemented in a timely manner, to perceive the consequences of the introduction of innovation. It is possible to cite the concept of technology as a synonym for consulting. Innovative-constructive thinking is not driven by emotions, moves in a logical consistency, methodical sequence without distracting from secondary factors to the final goal. When describing constructively, there is a certain limit, similar to the "horse of creativity", which flies to the destination. Forcing the horse of ilkhom (creativity) to work in the convent – a feature characteristic of innovative thinking is the manifestation of a harmonious combination of creative and technological aspects.

Innovation is associated pragmatism with the constructiveness of thought. The difference from the Innovator scientist and inventor is that he not only discovers, but also introduces new practices and can get practical results. Along with this, it should be personal and professional, organizer, manager, have a natural quality. The Innovator must be aware of the current situation and have the ability to use them skillfully for their higher purposes. Of course, this should be reflected in his consciousness and thinking, he should be in a pragmatic character, limited by dry dreams. and finally the fact that innovative thinking is always aimed at beautifying the surrounding world should be distinguished. It will not be completed by creating a specific model or drawing and algorithms. These models must necessarily be implemented, ultimately, should serve to change the surrounding world, society on the positive side. In this process, too, innovative thinking is bleached, and opportunities are opened to further manifest itself on its edges. It should be noted that practical incompetence, the non-implementation of thought plans are factors that negatively affect the process of thinking, which will be associated with the fact that real events can intuitively foresee the process, undermine such processes as the detection of errors in logical devices in the formation of concepts. Thus, innovative thinking forms a new qualified approach to each aspect of human activity, preventing the formation of a ravine between theory and practice.

The development of innovative thinking also requires the act of innovation, the implementation of innovative ideas. That is, people will have to be given the opportunity to integrate their ideas and dreams into their lives. After all, the need for every innovation idea must be covered by the consumer. For this reason, one of the components of innovative thinking is the commercialization of ideas. Innovative thinking it means the end result-income, it is a weapon of any business, business development. "The fact that innovation processes have a systematic character is also associated with its purposefulness, therefore, all components of innovation processes determine the balance of interests and the overall dynamics of development"³.

Innovation is a synthetic, self-active concept that involves different aspects of thinking. As a core, it is necessary to understand that consciousness is oriented towards new knowledge, that there is a psychological need for them and that there is intellektual preparation for their acceptance. Since power is simply not in knowledge. Only actual and fundamental knowledge has power. Innovative thinking there are not many variations for this creative person – it is necessary to either create a novelty by itself, or to be able to respond to the news in a timely manner, to justify the need and expediency of introducing novases into production. Thus, innovative thinking is a phenomenon inherent in creative consciousness.

Innovator-homo pragmaticus is a pragmatic person. He knows exactly how to put the idea into practice, turn it into a novelty. And the conservative-homo technicus-a technological person is the owner of technologies that allow us to overcome previous negative situations, to adopt innovations to society and Man, and to use them more effectively. As we see, all people involved in the innovation process are separated from each other individually, proceeding from their abilities and experience. For us today, we would not be mistaken to say that every younger generation is primarily determined by how he understands himself as a person, his role in the process of world and innovation changes. Therefore, I.G'.Abdullaeva explains the qualities inherent in the innovator as follows:

1. Innovatual property, which is the product of its vision, is owned by innovators (individually or in a way that is combined with others).
2. Economic rights are used in the introduction of innovation into practice.
3. The type of Labor and labor is freely chosen.
4. No one will be deprived of illegal search for innovation, improvement of property relations and expansion of property.

² Ник Бостром - Ph.D., is Director of Oxford University's new Future of Humanity Institute. Угрозы существованию человечества. Анализ сценариев вымирания. //2007. // <http://spkurdyumov.narod.ru/Philos.htm> . Mail to: succeder@list.ru

³ Vasilyeva E. Regularities of the innovation process of the last quarter of the twentieth century. – Moscow: Ekonomika, 2007. - p.5.

5. Innovators have the right to unite professional founders and through them to manage the country, enterprise, economic life.

6. The will of the people or the Labor team, especially the activity and initiatives of innovators, is the basis of the activities of the authority or property owner. 7. Innovators have the right to social support (provision) for the development of skills, the realization of creativity and economic rights.

8. The Innovator has the right to receive and be rewarded for his work as a person.

9. Innovators can form trade unions (unions) that protect their economic and cultural rights.

10. The fact that innovators have special privileges is not considered a violation of Labor procedures, contracts⁴.

Innovator, homo creator-is a generation of yartaici of new ideas. The innovator is a unique ideal person, a creative person. The worldview of such people is considered closely related to civilization. The civilization approach allows the innovator a wide range of engaging his ideas from different parts of the world. Even from the newly emerging civilizations, it gives him creative inspiration. The inventor usually pays attention only to some elements of civilization. These mark a specific point of growth for innovation. Innovator, homo pragmaticus, introduces innovations derived from the innovator, making them innovatorstiradi and then hand them over to the conservator for their implementation. It plays an important unifying role in the innovation process between the idea and the final product.

Independently develop new knowledge, organize them on a regular basis and reflect the basic set of competencies that an "innovative person" should possess. Innovative thinking and innovative activity based on it, in turn, is one of the strategies for adapting to social changes. The transition to innovative development is an important task of modern society. "Innovation education" as a specific tool or technology ensures the stability of the process of creating innovation. "Without the idea of innovation in the world today, it is impossible to develop any sphere without the achievements of science"⁵.

When called innovative intelligence, an individual is understood to evaluate the content and probable/observed consequences of the introduction of innovation and to "participate in it as much as possible in terms of the importance and priority of research, expressed in acceptance/non-acceptance, support/resistance". When it is called trust, it is understood that trust, which is directed to the perspective shown by people in relation to social systems, is trust in advance.

Innovation instruction is a state of tendency to a positive understanding of innovations and a state of readiness to participate in the search for innovation. In this definition we S.A.We created on the basis of Shavell's side – by-side social guidelines (attitudes), based on his side-by-side social guidelines are "a tendency, willingness, purposefulness to understand, react and act "in similar situations, reflecting the social values of a particular community and a representative of a particular community, a member of which by its nature is collective⁶. When it is said to believe in innovations, it is understood that trust in innovations that have begun to be realized by people or will be realized in the future.

Behaviorlasi, modern social development is not carried out without innovation, which is a form of renewal at all levels of society, not only economic, but also a key factor of social development, where they play a key role in solving the problems that arise in society. The globalisation of the world community, the influx of innovation in competition are increasingly becoming the focus of attention, and the level of development of countries is being assessed by its innovative ability. In this regard, scientists began to speculate about innovations that laid the foundations for a new type of civilization development of the most advanced countries of the world - the next step in the progressive development of Western society. This requires the conduct of appropriate scientific research on the study of the innovation process itself and its main features, as well as the social processes that are carried out in society on the basis of these processes, as well as the subjects of innovative activity, etc. The practical importance of innovation is characterized by the need to develop an innovative policy. This is especially important for our country, which has embarked on a new path of development, but still does not have a consistent state policy of innovation and its implementation.

This article covers the main place of small business and business in today's market economy. Including scientifically analyzed the development of small business and business, and the legal basis, at this time financially support small business and business, the latter is amended and the rules for this branch of national legislation are added.⁷

⁴ Abdullaeva I.G'. The combination of economic and innovative thinking at a new stage of national development. Author of the dissertation of the doctor of Philosophy (PhD) in philosophy. - Samarkand 2019. - Page 12.

⁵ Mirziyoyev Sh.M. We will continue our path of national development with determination and raise it to a new level. 1 full. - Tashkent: NMIU of Uzbekistan, 2017. 85 page.

⁶ Shavel. S. A. Innovative attitudes of the population: pre-project analysis / S. A. Sha-16. vol // Sociology. - 2008. – No. 3. – pp. 3-14.

⁷ TOLIBJONOVICH, M. T., & OGLI, G. O. R. Lombard Microcredit Organization Its Concept and Its Importance Today. *JournalNX*, 6(10), 109-111.

The sphere of innovation is directly connected with the problems of our country's exit from the crisis and the determination of the future position of Uzbekistan in the world community.

REFERNCES:

1. Kubaeva Sh.T. Game and Innovation Mentality (ontological and gnoseological analysis). Author of the dissertation of the doctor of Philosophy (PhD) in philosophy. - Samarkand 2019. - Page.17.
2. Ник Бостром - Ph.D., is Director of Oxford University's new Future of Humanity Institute. Угрозы существованию человечества. Анализ сценариев вымирания. //2007. // <http://spkurdyumov.narod.ru/Philos.htm> . Mail to: succeder@list.ru
3. Vasilyeva E. Regularities of the innovation process of the last quarter of the twentieth century. – Moscow: Экономика, 2007. -p.5.
4. Abdullaeva I.G'. The combination of economic and innovative thinking at a new stage of national development. Author of the dissertation of the doctor of Philosophy (PhD) in philosophy. - Samarkand 2019. - Page 12.
5. Mirziyoyev Sh.M. We will continue our path of national development with determination and raise it to a new level. 1 full. - Tashkent: NMIU of Uzbekistan, 2017. 85 page.
6. Shavel. S. A. Innovative attitudes of the population: pre-project analysis / S. A. Sha-16. vel // Sociology. - 2008. – No. 3. – pp. 3-14.
7. TOLIBJONOVICH, M. T., & OGLI, G. O. R. Lombard Microcredit Organization Its Concept and Its Importance Today. *JournalNX*, 6(10), 109-111.