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Architectural Improvement of Professional Centers

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Annotation: The innovation center proposed by the author in this article serves to strengthen the practical application of theoretical knowledge. It is expedient to have the following general sections within the innovation centers and which is to be considered on their designing for the purpose. Department of Education (theoretical knowledge is further enriched); Research Department (works on scientific research and ideas); Production department (samples are produced); Exhibition area; Department of Commercialization (developments are commercialized and put into practice).

By designing separate buildings and experimental rooms in each direction, it is planned to create great opportunities for young people to put their innovative proposals into practice. Interest, motivation and end results motivate young people to strive for innovation and creativity. The study of developed countries shows that the innovation center for the development of the state has risen to the level of public policy, along with theoretical knowledge; practice is required of young people simultaneously

Key words: architecture, innovation, center, creative person, invention, landscape, workshop, modeling, break, information resource center.

It is known that the most important condition for the sustainable and rapid development of the country is the education of harmoniously, purposeful and energetic young people with modern knowledge and skills, who can take responsibility for the decent future of the country. In the world experience, there are different directions of economic development. Our country has chosen an intensive path of development with a high level of knowledge which is built on discoveries, inventions, high technologies and innovative ideas. Therefore, the Ministry of Innovation Development was established by the decree of the President of the country, and the ministry was instructed to lead various innovative ideas and discoveries in the field of science.

The main factor in the further development of Uzbekistan is scientific innovation. Therefore, it is expedient to create innovation centers, to plan the project in a radically new way. The designing and constructing of the innovative and productive scientific center of creative youth will primarily lead to the economic growth of the country and its place in the world market.

The opportunities provided to the youth of Uzbekistan are difficult to find in any other country present time. Therefore, the young people of the country must respond positively to such tolerance and apply their theoretical knowledge and innovative projects for the benefit of the society.

The decision of the President Sh.M.Mirziyoev, dated December 13, 2019 PQ-4550 can be a clear evidence of the opportunities provided to young people. The decision assigned the center to work closely with innovation and technology transfer centers, technology parks, high-tech laboratories, innovation laboratories, startups and business accelerators, as well as the Youth Academy, and a number of other tasks.

This in turn forwards important tasks before us as the architects. In other words, it sets the task of modern design and improvement of creative and scientific-innovative centers of young artists in order for our youth to become fully mature and well-rounded and the real owners of our future.

The proposed innovation center will also serve to strengthen the practical application of theoretical knowledge. It is important to propose the following general sections within the Innovation Center, i.e to take them into account in the designing:

Figure 1- Functional departments of innovation centers

By designing separate buildings and experimental rooms in each direction, broad opportunities will be created for young people to apply innovative ideas. Interest, motivation and results motivate young people to strive for innovation and creativity. The study of developed countries shows that the innovation center for the development of the state has risen to the level of public policy, along with theoretical knowledge, practice is required of young people at the same time.

The history of the people of the Middle East shows that the unprecedented growth in culture and education, medicine, literature, art and architecture, the emergence of scientific schools, the emergence and growth of a new wave of talented generations - all these, first of all, economics , which is directly related to the rapid growth of agriculture and urban development, the high level of development of handicrafts and trade, the opening of new highways and, above all, means concerning to the sufficient stability of the economy usage.

We want to emphasize this point of view. Because without peace and stability, there can be no growth, no progress in science. Where there is peace and stability, there will be science centers, academies, universities. Most importantly, education will develop and also interest in it will increase. Only where there is peace and stability do people want to learn, to develop in all directions.

The existence of a developed culture in the Eastern world, especially in the life of the peoples of Central Asia, is evidenced by the monuments written in ancient Bactrian, Sogdian, Orkhon, Khorezm inscriptions, murals and sculptures, architectural samples. As clearness by the above words of President Sh.M. Mirziyoyev, the construction of innovation centers in Uzbekistan guarantees not only the economy, but also a highly developed culture.

For evidence we can observe the such established innovation centers like The Silicon Valley in the United States, the Skolkovo Innovation Center in Russia, the Jop World in Korea, and the Science Centers in Bangalore, India. Silicon Valley, or Silicon Valley in English, is located in the southwestern part of San Francisco, California, USA, where computers, especially microprocessors, as well as software, mobile communications, biotechnology devices, and more a complex of affiliated high-tech companies. Although its origin is related to the need for an ecological environment, it can now be seen that it has become a huge technological town.

Skolkovo Innovation Center in Russia (second nominal name - "Silicon Valley of Russia") - "Skolko Complex" was originally located in Odintsovo district, Moscow region, specializing in telecommunications, space, biomedical technology, energy, information technology and nuclear

technology: complex priority Modernization of the Russian economy provides specific economic conditions for enterprises operating in the industry.

Founded on May 15, 2012, Jop World in Korea is the largest work experience center for children and adolescents in Korea. As a place where students can enhance their self-management career skills by taking opportunity a variety of work experiences, Jop World in Korea has such a buzz that some even call it a "magic box". During the free semester, students are exempted from competition and from taking university entrance exams. Instead, they can learn what their dreams and talents are and explore career options. According to this, the role and functions of Jop World in Korea will continue to evolve.

The natural climate is of great importance for the design of the innovation center at the level of demand. In the context of Uzbekistan, first of all, a proposal has been developed to build an innovation center in areas with temperate climates. Such a

Silicon Valley can be located, in the conditions of Uzbekistan, on the banks of the river which adjacent to the writers' camp in Durman, Qibray district.

Figure 2. Approximate views of the selected land area and sketch project proposal [2].

An integral part of the project may include:

1. Laboratory - designed for preliminary testing of inventions recommended for production;
2. The electronic library includes a collection of national and international literature, access to the Internet;
3. Conference hall - designed for online conferences, large and small meetings;
4. Creation of electronic databases of historical data (archival data) - national and international databases;
5. Exhibition hall - designed for competitions and contests, as well as innovative developments in the Palace of Creativity;
6. Spiritual recreation area - a site with landscape architecture and temperate climate;
7. designed for modeling and modeling of theoretically based inventions of workshop-creators;
8. housing (based on project parameters) - used to organize a summer camp to encourage creative youth;
9. catering establishments - for conferences, conferences, meetings, staff and campers, as well as the population of the city;
10. Production facilities are designed for foreign partners and private entrepreneurs.

The role of the innovation center and their projects is prominent importance in creating and establishing the great future that young people dream of and which we aspire to. There is no doubt that today in our motherland has been built a modern system of education and training, educational institutions that attract the attention of other countries in the world. These educational institutions provide an opportunity to master the secrets of the most advanced science and development, to master several professions, foreign languages, Internet and information and communication technologies, to prepare mature competitive young people who meet the requirements of the times. The important thing is that our young people will be able to graduate from schools, lyceums, vocational schools, technical schools and universities, become loyal children to our motherland, take a conscious step into life and take their rightful place in society.

Hereby, in my point of view, the greatness and power of the state can be seen in the modern buildings and structures that are being built, and in the unique architectural monuments.

The establishment of innovation centers, supporting the interest of our youth in modern techniques and technologies, the development of their creative thinking and creativity, plays a positive role in the development of the state and society. The ideas of young people will unite and become inventions in innovation centers, new promisible strategic plans for development will be created.

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