

SCIENCE AND ITS SOCIETY ROLE IN DEVELOPMENT

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It is known that at all stages of the development of society, the development of Science and technology of that time, as well as the regular consumption of their results, played an important role, and even sometimes, they took place in the revolutionary nature of the development of Science and technology. About this we are witnesses of the "Stone Age", "Bronze Age", "transformation of energy from one species to another", "Atomic Age", "Age towards an informed society", "intellectual age" and visible evidence.

Such revolutionary processes in science are a historical process directly related to the forces of production and the development of Science, which is a complex dynamic system that has integrated in itself the achievements of science, methods of producing modern techniques.

The factors that make up this process have their own tasks. They are:

- Science acts as a scientific resource (theory, algorithm, model, style, methodology) in a problem solution, that is, conducting the main activities in this process;
- Performs material application of achievements of modern technology-science (tools: machinery and mechanisms, devices, instruments and telecommunication elements);
- Production methods are the field of achievements of science, as well as the practical introduction of techniques and technologies that have arisen on their basis.

The most important of the main features of modern science is its direct transformation into productive forces.

It is no secret that people living on Earth differ both in appearance (color and shape), in the way and tradition of living, in the framework of thinking and ideology, in language and language, in nationality and race, in profession and career, and in national values and other qualities. However, worldly affairs, universal values bring people closer together. In this regard, the importance of Science and its achievements in particular is immeasurable. As evidence of this, the emergence of Fire, matches, wheels, writing, the creation of a book, the creation of metalworking technology, the creation of steam and internal combustion engines, the use of the atom for peaceful purposes, the generation of electricity, the widespread spread of advances in the field of Electronics, the creation and widespread distribution of computers, a wide range of G. they can be cited.

It is not for nothing that our grandfather Abu Rayhon Beruni in this regard said that "science arises from the need to satisfy the vital needs of people." In general, science develops based on the tasks that people set for society. Many examples can be given about this. In particular, as a result of the desire of people to "mirror the world", Watch TV was achieved today's progress or made a significant contribution to the creation of aircraft and even the development of Cosmonautics by dreaming of a "flying carpet". Also, the indicators of the development of cars today are undoubtedly of interest to every member of society. Let's pay attention to the development of computing techniques, the progress of computing techniques, which began with simple counting shepherds or abacs, has led to the emergence of computers today that perform several million operations per second, etc. G. All this will continue to improve and develop on the basis of the requirements of science corresponding to the stages of development of society,

since this is what that era requires, otherwise negative effects will arise in the development of society.

Therefore, one of the main features of science is that it directly translates into production power, ready-to – consume technique-technology, methodology.

And this is a characteristic feature of the wide scope of science. Through this, the scope, area, importance and direction of the scientific research work are determined.

As you know, today is estimated by the informatization of society. This sharply affects the level of development of modern science. Especially with the development of computer technology and the opening of a wide path to their use in practice, the project is clearly felt in the implementation of design work, compiling dictionaries, conducting experimental and test work in scientific research, modeling processes and phenomena, algorithmizing management. In science, an independent direction has also appeared today called "automated system of scientific research work". This corresponds to a sharp increase in the volume of accumulated knowledge, as a result of which a new scale and system of obtaining scientific information arose. In modern science, together with private spheres, their integration is also emerging. In particular, Bionics, mathematical logic, cybernetics, computer science, ergonomics, economics, the use of a machine-tractor fleet, automation of production, etc.k. One of the main reasons for the emergence and very rapid development of such directions lies in the fact that the achievements of mathematical science are effectively used in various fields of Science and even in the field of social science. In particular, the current development of mathematical methods, linguistic cybernetics and other directions in social studies is evidence of our opinion. That is why our scientists have always recognized the idea that" any science can achieve its high pits only if it is able to effectively use the achievements of mathematical science."

Any science that is able to embody such features is able to effectively apply research methods to a comprehensive and systematic approach to the source (phenomenon, process, subject, law), which must be studied by itself.

Thus, the development of science, as mentioned above, should serve both for the development of people, society, as well as for the development of the state and for the welfare of the people, for the peace of the country. The broad scope and specificity in them (intended for their significant problems in a narrow sense), the level of development, the integration of industries and the systematic approach to the source all research methods have their corresponding place in the development of society, and with their effective impact on the development of those areas, they are also more significant.

Therefore, the role and role of Science in the development of society would increase even more if the idea that" the supreme goal of science should serve the well-being of people and their regular development" was created as a slogan.

Imagine that there was a time when we plowed the earth with an ordinary plow. Today, the cabins are equipped at a high level (condensing unit, radio, tape recorder, sound absorber), the working bodies are plowed using powerful techniques that work universally, equipped on the basis of the demand of the Times, and the driver, sitting on the control remote, freely controls this technique, or is it not all the power of science that a person can walk.

That is why the development of science is considered one of the main foundations of the development of society, and it is a powerful force both in the development of our economy, in raising our spirituality, in raising the level of our enlightenment, and in the prosperity of our enlightenment.