IN SCIENCE THE ROLE OF TECHNOLOGY

Akramaliyeva Baxtigul
The student of Uzbekistan State World Languages University

Annotation: Science and technology is a crucial point for the improvement of any nation. Technology plays an important role in developing science and society, education, policy and even medicine. This article discusses all above-mentioned aspects and its usage in other fields.

Key words: Science, Technology, Roles, Development, Education.

Science and technology is widely recognized as an important tool for fostening and strengthening the economic and social development of the country. It can give a broad range of opportunies to develop every specialty of country and life. Due to technology, up-to-date devices are coming to our lives. Moreover, in parallel with these aspects, science is also improving. Science is an endless frontier, a unique human activity without limits. There is a urgent need for making much more efforts to ensure that appropriate research outputs, which can be put to use for the benefit of society, are generated and reach the people. It is , therefore, key to evolve a mechanism and identify programmes for application of Science and Technology for improving the quality of life of the people, particularly the weaker sections and women, for the improvement of rural areas to reduce regional imbalances and for inculcating scientific awareness among the masses. Technology also of a high benefit in involving people all around the country to solve the problems, such as drought, epidemics, drinking water shortage, nutririon, sanitation, health, housing and etc. This can save the time and energy as well as it occurs online. In addition, it possibly could reach great number of people worldwide. In this way, we can make the world aware of what is happening around us. IT stands for technology in short. Nowadays, everything in our life is being computerized. It makes life easier and the stress is hardly gone through. The heart of IT development is in India. Every field of science is based on technology. Even in medicine, the latest achievements of science can be observed. There are almost all treatments available for diseases through technology. When it comes to science, they contributes to each other in the following ways:

- New knowledge and ideas for technological development
- Source of tools and techniques
- Researches, methods for laboratories
- Practice of researches
- Creation of new knowledge

- Knowledge base and strategies.

Laboratories are important for practicing new inventions. It is more efficient with technology achievements. Through this way, we can prevent the world from dangers. Scientists are able to share their ideas with their counterparts in other countries. Especially, it is useful in periods of epidemics. Education is also the field that needs to be taken into consideration. It is highly noticeable through online education. There no obstacle for people who desires to study abroad. It can be possible by educating online. It is the best way to set aside time, money and energy. They can get education from professors through online courses, such as seminars, conferences and much more things. Besides, great range of international conferences, meetings and other events are feasible online. Technology can reach a great number of audience and members. All of these aspects requires technology literacy in order to use, analyze, evaluate and seek information properly. That is why technological knowledge is far more crucial than just knowing about computers and technology. A person who understands the technology well, they can shape the society in a developed way. Not only using technological tools ensure being technological literate. At the same time one must know how is technology produced, which purposes serve, which conditions should be operated and solutions to possible problems. So, there are infinite chances between science and technology, technological concepts influencing each other mutually. If there is a high potential of technology in one country, everything related to science, medicine or education keeps developing and improving more and more.

To describe more, science, a systematic enterprise that builds and organizes knowledge in the form of explanations and predictions about nature and universe. Technology, the collection of techniques and processes used in the production of goods or services or the objectives such as scientific investigation.

Science and technology are important parts of our day to day life. The evolution of science is like a boon to the world, as human beings come to a lot about the world they are living in including the activities they indulge into. Moreover, the improvement of technology along with the advancement in Science helps to bring in a revolution in various fields such as medicine, agriculture, education, information and technology, and many more. Science is the study of the environmental world by scientific method gathering information through a systematic process. And technology is where we address science to make up devices that ca tackle issues and accomplish various tasks. Technology is technically the application of science. So, it is important to learn about them more and more. Science, technology, innovation and inventions are all related to each other. We can make new innovations that alter our lives completely. They have their crucial roles in a collaborative ways. New knowledge and competences gained by technology and science are shared around the world among nations serving for their development. In this innovative way , people can improve their

capabilities and human qualifications. A broad range of researches will be conducted to add more to the science and other fields. In short, the part of technology is unique as many tough questions in science can be found out due to its achievements.

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