**TECHNOLOGY IN TEACHING AND LEARNING**

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Adhyayan (learning) is a process in which experience, activity, practice, observation, and interest results into change in the behavior. The word “adhyapan” means the development in teaching. Since the importance of learning process has been acknowledged, for the study process to be more effective how to create a situation points to the current situation. The prevalence of technology in the field of education. Increasing. Methods, techniques and devices used to achieve the goals are included in educational technology. When science is applied in the process of teaching, educational technology emerges so that 2 branches of science are helpful in education. Whereas the use of computer in education is as followed as in very useful way in teaching and learning. Computer associated learning (CAI), Computer based learning (CBL) etc. educational subjects can include computer programming, data collection, database development, word processor text. Computers have also become important academically, with the advent of e-mail, internet, teleconferencing and online education as well as the onslaught of the internet and the computer world committed to changing the face of the education world. There is still a long way to go. All the organs of education world must keep pace with this change. Change is an ongoing process. The act, process, or result of changing such as an alteration a change in the weather. Transformation a time of vast social change going through changes. Substitution a change of scenery.

An act of mpulding oneself without any mental stress according to the situation appeared is called adaptation. For example an adaptation can also be behavioral, affecting the way an organism responds to its environment. An example of a structural adaptation is the way some plants have adapted to life in dry, hot deserts. Plants called succulents have adapted to this climate by storing water in their short, thick stems and leaves. Therefore, the concept of technology in teaching and learning is rapidly changing its form. The invasion of the world of internet and computer is committed to change the face of education world. The streak of change is still to come. Everyone from the education world must have to keep up with the changes.

**Key Words:** Learning, Teaching, Educational technology

**Introduction**

The world is becoming more and more competitive. In this age, only the person who can achieve the best in his field can move forward. Achievement is the product of the study process. For the best study the student should study well. Students, teachers, schools and the entire education system are involved with the learning process in schools and colleges. Indicates the situation. In the classroom, the teacher discusses, describes, explains, illustrates, gives examples, asks questions, discusses, poses problems, uses educational tools, uses experiments, charts, pictures, while teaching. The teaching process becomes more efficient if all these activities are done through technology, and the student becomes more active in studying in the classroom. Then we can say that the learning process is organized.

* What is study? (What is learning?) 'Study is the process by which a person acquires a change in behavior as a result of experience'. Affects.
* “Study is a change in behavior through experience and training”

 **Agates, Jarsibd and Chalman**

* Study is a process that involves a change in behavior as a result of experience, activity, training, observation and desire. "Study is a change in a person's cognitive structure and behavior." **- Klausmeier**
* What is teaching? (What is teaching?) Three centuries ago the concept of teaching was limited. In the old concept of teaching the subject was at the center. About the teaching method, not about the technology. The old concept of education was ideologically rejected by the world of education; the new concept of education was accepted. The new concept of education is shaped by philosophy. The new technological concept of teaching has resulted in changes in the teaching process that clarify the new concept of teaching. Treats well. " **SP Tool Shrestha**
* "All teaching means to develop teaching." -**James M. Thain** New methods have come into existence in teaching work. Emphasis has been given to technological education. Thus, it has been accepted that teaching work should be active and pragmatic.
* **Technology in teaching and learning**

The tools, objects, work skills or processes discovered with the help of science theory to facilitate or help in solving any problem of human life are called technology. And devices are incorporated in educational technology. When the science of learning is applied in the process of teaching, then educational technology emerges. , Film, computer, TV, overhead projector etc. are used in education. The term education technology was first coined by Brinmer in England in 1905. It was later elaborated by the National Council of Educational Technology in 1969. Meaning: - Goals can be achieved. “ **-S.S Kulkarni (1969)**

"Man and machines are not just technology. Technology is an integrated organization of people, machines, ideas, techniques and management."  **- Hoban**

Thus, educational technology is a practical as well as experimental knowledge, which includes not only audio-visual equipment or learning machine. But also the use of computer in educational technology based on scientific principles and approaches based on hardware, software and system approach educational technology.

**The use of computer in education is as follows. It is very useful in teaching and learning**

**Computer Assisted Instruction (CAI): -** CAI is used to get a lot of information in a limited time, to provide the impression of complementary to the actual training of the teacher through frequently used practical training and traditional method.

**Computer Based Learning (CBL): -** This is a unique teaching or learning method in which one computer is an effective synchronization of one student. In which software developed by expert can be used in every student's computer.

**Other uses in computer education: -** Microcomputer was used in schools for education, rehearsal, training, and data collection etc. in the decade after 1990. Researchers studied the behavior, attitude and other variables of students using computer. The development of the database, the text of the word processor can be.

**E-Mail: -** E-Mail means electronics mail. E-Mail is becoming more important in educational technology. So that educational institutions and offices keep in touch with each other.

**Internet: -** The Internet is at the forefront of teaching and learning technology in the current situation. In today's age students have resorted to the Internet to do any academic work so the Internet is an important factor in the field of education technology. Teleconferencing is the process by which people connected to a computer network can see and communicate with each other on the screen. It is also being used in the field of education. Any computer can be connected to any computer in the world with the help of the Internet.

**Conclusion: -** Therefore, the concept of technology in teaching and learning is rapidly changing its form. The invasion of the world of internet and computer is committed to change the face of education world. Change is still to come. Must

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