EDUCATIONAL TECHNOLOGY

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Educational Technology

- Educational Technology is the development, application and evaluation of systems, techniques and aids to improve the process of human learning. {Lucido and Borabo, 1997}

- Educational Technology is a profession like teaching. It is made up of organized effort to implement the theory, intellectual technique, and practical application of Educational Technology. {Johanssen, et.al, as cited by Corpuz and Lucido}

- Educational Technology basically means all the intellectual and operational efforts made during recent years to regroup arrange and systematized the application of scientific methods to the organization of new sets of equipment and material so as to optimize learning process. {British Journal of Educational Technology, 1971}

- Educational Technology is the considered implementation of appropriate tools, techniques, or processes that facilitate the application of senses, memory, and cognition to enhance teaching practices and improve learning outcomes.

- Educational technology is a separate field of dealing with the theory of Education with development and application resources which implies the following principles:

- 1. Clarifies educational objectives.

- 2. Placing content elements in a logical order.

- 3. Specifies the process of teaching learning process

- 4. Acquire the knowledge through development of models of teaching.

- 5. Adjoining the teaching learning process with feedback.

- 6. Selection, evaluation and optimization of media. {Educational Technology in Asia under Apeid, 1995}

Education means

- The word 'Education' has been derived from different Latin words. a) 'educare' which means 'to bring out' or 'to nourish'. b) 'educere' which means 'to lead out' or 'to draw out'. c) 'educatum' which means 'act of teaching' or 'training'. d) 'educatus' which means 'to bring up, rear, educate'. Denotative Meaning
- Education is the process of bringing out hidden qualities or potentials of the child to make him a responsible and productive person of the society.
- Education is a systematic process through which a child or an adult acquires knowledge, experience, skill and sound attitude. It makes an individual civilized, refined, cultured and educated. Its goal is to make an individual perfect. It is the key to solve the various problems of life.
- Aristotle - "Education is the creation of sound mind in a sound body."
- John Dewey – "Education is the process of living through a continuous reconstruction of experiences."

Technology means

- The term "technology", as Ofiesh (1964) observes, implies the application of science to art. When we apply the science of learning and communication to teaching, we evolve a technology, i.e., the technology of instruction.

- Technology is also defined as process of implication of scientific rules and regulation in engineering tools to assist humans in their daily working and produce ease.

Definition of Instructional Technology

- Instructional technology is just what it sounds lie, using computers, CD ROMs, interactive media, modems, satellites, teleconferencing and other technological means to support learning.

According to the Association of Educational Communications and Technology (AECT)

- Instructional Technology is often referred to as a part of educational technology but the use of these terms has changed over the years. While instructional Technology covers the processes and systems of learning and instruction, educational technology includes other systems used in the process of developing human capabilities.

CONCEPT OF INFORMATION TECHNOLOGY

- Information technology (IT) is the acquisition, processing, storage and dissemination of vocal, pictorial, textual and numerical information by a micro-electronics - based combination of computing and telecommunication.

- Information Technology is a scientific, technological and engineerning discipline and management technique used in handing the information, it's application and association with social, economical and cultural matters.- UNSECO

- ―Information technology is a systemic study of artifacts that can be used to give form to facts in order to provide meaning for decision making, and artifacts that can be used for organization, processing, communication and application of information‖. - Darnton and Giacoletto

Meaning of Information Technology (IT)

• Information Technology consists of two words Information and Technology. If you know the two words you can understand the word information technology together.

• The term —Information‖ refers to —any communication or representation of knowledge such as facts, data or opinions in any medium or for, including textual, numerical, graphic Cartographic, narrative or audiovisual forms.‖

• —Technology is the practical form of scientific knowledge or the science of application of knowledge to practical.‖

• —Information Technology is any equipment or interconnected system or sub system of equipments that is used in the acquisition, storage manipulation, management transmission or reception of data or information.‖