

# SRI GOWTHAMI

## COLLEGE OF EDUCATION

(Recognised by NCTE, Govt of Andhra Pradesh)

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COLLEGE OF EDUCATION

*Affiliated to*

**ACHARYA NAGARJUNA UNIVERSITY**

**2015 - 2017**

Sem - I - paper - II

Name : ..... Biswasbhusan Rout  
Subject : ..... ~~Philosophical~~ Value Education  
Roll No : ..... ICT for enriching Teaching and Learning Activities  
Register No : Y16 ED 90072 Learning Activities

# CERTIFICATE

This is to certify that Mr. Mrs. Kum. Biswabhusan Rout  
Class No. .... Regd. No. V16.ED 90072 of College of Education  
visited our Institution and conducted the required activities / collected the required  
data regarding to.....  
Practicum as a part of B.Ed. Course work stipulated by the Government of Andhra  
Pradesh and approved by Acharya Nagarjuna University.

Signature of the Concerned Teacher

Name :

Signature of the Head of the Institution

Name :

Seal :

This is to certify that Mr. Mrs. Kum. Biswabhusan Rout  
Class No. .... Regd. No. V16.ED 90072 has completed the  
required activities regarding to.....  
Practicum towards fulfillment of B.Ed. Course work stipulated by the Government  
of Andhra Pradesh and approved by Acharya Nagarjuna University.

This record is assessed.

Lecturer in-charge

P.P.P.  
College of Education

S. S. S.  
Lecturer  
Sri Gowthami College of Education  
DARSI, Prakasam Dt. A.P.

## EDUCATION:

Education in technical sense refers to that process by which society through its different institutions deliberately transmits its cultural heritage to its young accumulated value, knowledge and skills from one generation to another.

## TECHNOLOGY

Technology can be understood as the efforts made by people to satisfy their material wants by working on physical objects to convert them to useful ~~the~~ forms to satisfy human wants. The first person who made by striking two stone was one of the earliest technology.

### Need for Technology Educational Technology:-

In the 21 century every aspect of human life has undergone a through change. due to ~~increas~~ increasing use of science and technology has resulted. we live in better houses, have better medical facilities and travel in luxurious cars and Volvo buses, train and superfast jet planes. It can't be denied that the application of science and technology has resulted in a tremendous improvement in quality of things.

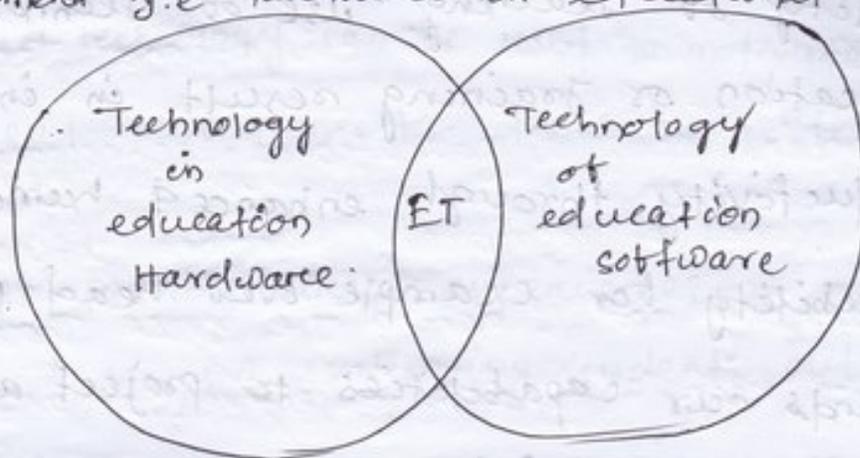
For example the production of books before the inventions of the printing press each book was hand written and it took a very long time to produce a single book. But the production of printing press made it possible to produce a large no. of books within a very short period.

The kind of mass production brought the book which once could be purchased by the aristocrats only are now within the buying capacity of the common man. Science and technology can be felt in most of the areas of human life like the methods and techniques of formal education still seem to remain in the pre science and technology era.

It is a good sign that some of the teachers and administrators have at last realized the inadequacies of our educational system.

## TECHNOLOGY IN EDUCATION & TECHNOLOGY OF EDUCATION.

Educational Technology is often considered to be the intermix of technology in education and technology of education. means the use of audio visual equipment i.e hardware in educational process.



Numerous definitions have been given to the terms. Educational technology and they all stress to important aspect of these subject. contribution of behavioural sciences.

which refers to the application of scientific principle to instruction which termed and Technology of education.

## TECHNOLOGY IN EDUCATION:-

This is evolved from engineering or physical science. The main aim of technology in education is to realise the objectives to make teaching easy and to increase the ability of teaching. Use of technology in education or training result in increased productivity through enhanced human capability for example over head projector extends our capabilities to project a large image or visual on screen.

\* Technology in education provides needed appliances, equipment and mass media for realizations of different purpose and function of education.

\* Provides proper training teachers in order to handle and use the equipment.

\* Provide the attitude towards these appliances.

\* This technology helps in implementing learning experiences. Thus it is closely related to life goals.

\* This technology can be used to motivate to create sensation to draw their attention.

\* It provide direct experiences to the child and helps in evaluating students outcomes.

### TECHNOLOGY OF EDUCATION:-

Means educational Technology itself. It is the software aspect of educational technology. It is the application of psychology of learning theories to the process of education. This is helpful in solving problem encountered in teaching learning process. Technology of education would include the entire process of setting goals and and continuous renewal of curriculum the trying out an using of

New method and materials in view of changing circumstances. It is often identified with the various devices and means of recording storage manipulation retrieval transmission and display.

Aims and objectives of Educational Technology

Important aims of educational technology are

→ To provide appropriately designed situations for learning and teaching i.e. ~~those~~ those situations which keep in mind the objective that are necessary for training.

2. To modified the learner environment by presents of material by arranging the different learning activities and by organising the physical and social surrounding of the learner Nature and characteristics.

Educational Technology is a fast growing discipline

\* It is influenced by advancement in the field of behavioural science.

\* It is essentially a practical discipline, rather than the theoretical construct.

\* It is a science of design, development and application of audio visual equipment of the field of education.

\* It locates the problem in education and provides remedial measure and ultimately aims at improving the education system.

\* ET is an application science where it is in the researches and binding of diverse social sciences.

\* ET plays an important role in making the teaching scientific objectives clear, simplified and interesting.

\* ET get together technical means students teacher and their psychological aspects.

\* ET is bound to improve teacher and the learner and the teaching learning process.

\* It lays stress on development of methods and techniques for effective teaching.

\* It stresses the organization of learning situation for the effective realization of the goals of the education.

\* Expected behavioural changes in the teachers and pupils are possible through educational technology.

\* The provision of measuring devices for testing the result of learning are emphasized in educational technology.

## TEACHING TECHNOLOGY :-

Teaching is considered as an art as well as science. As a science it refers to the logical, mechanical and procedural steps followed by the teacher to make it more systematic.

This has evolved the concept of Teaching Technology. As an art, teaching includes the imaginative and artistic abilities of a teacher in creating a worthwhile situation in the classroom in which learner participates actively leading to the attainment of planned activities.

Teaching is a system of actions which induces learning through interpersonal relationships. Teaching is purposeful activity. The ultimate goal of teaching is to bring about all round development of a child. The knowledge and practice which helps in realizing the goal is the content matter of teaching technology.

## Characteristics of Teaching Technology:

→ Teaching process can be made effective by teaching technology

→ With the help of teaching technology the teaching process can be organized at three levels, memory understanding level and reflective level

→ Objective of all the three domains i.e. cognitive, affective and psychomotor domain can be achieved by this technology

→ Philosophical, sociological and scientific knowledge on the basis of teaching technology

→ As in a system input process and output are involved in teaching technology with stress on teachers.

→ Teaching theories can be formulated by the use of teaching.