

# Efficiency of Teaching Learning through Interactive ICT Content

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## ABSTRACT

*With the development of education informatization, the multimedia teaching has been more and more widely used in schools, education and institutions of various levels. Multimedia teaching has many advantages of that it is convenient, vivid informative and interesting, can greatly improve the efficiency of teaching, but the improvement of teaching effects did not achieve the desired level. The expected effect of multimedia teaching cannot be achieved, and the effectiveness of multimedia teaching is faced with some suspicions. The effectiveness of multimedia teaching contains two aspects: effective using of multimedia teaching system and the effectiveness of teaching effect. We should enhance Education and direction, correctly understand and reasonably treat multimedia teaching, avoid the blindness of multimedia construction and use, increase the quality of courseware, promote teacher's professional level and classroom dynamics, organically combine traditional and multimedia teaching, and take a series of measures to improve the effectiveness of multimedia teaching.*

**Keywords:** Multimedia – Effectiveness – Teaching & Learning

## Introduction:

Learning environment with Multimedia technology fosters creativity and discovery through Computer-based simulation, and modeling. Education as other fields of human endeavor is highly affected by the rapid change of technology where the various types of technology applications used in education obviously increase every day. One of these tools is multimedia.

In order to ensure quality education in schools, we need to develop teachers through effective training programmes both at pre-service as well as in-service level. However, quality of Training has been an area of concern for several decades among the teacher educators and training institutes. A number of methodologies, teacher training designs and practices have been tried out in this field, but none of them has been found full proof in itself, which one can be used universally for developing the repertoire of teachers.

## Needs & Importance:

The goverment had focused on refreshing the skills of pre-service as well as in-service teachers with the use of educational technology, it recommended that there is a need to :

Create a system of lifelong professional development and support, especially of educational leaders and academic educators.

Encourage ICT (Information and Communication Technology) literacy for official and personal use to increase comfort, interest, and later enhance creativity in the educational work.

Introducing the use of Multimedia and technology enabled methods of learning, making it inherent and embedded in the teaching-learning process of student-teachers (pre-service teachers).

Commenting on the need of Education Technology (ET), the Deptmt of School Education document further says that, "even while we set out to accomplish this goal, revamping the ET component of the course requires immediate attention. As long as ET is used in isolation from the other components related to teaching-learning, it will fail to convince a student-teacher about the significance of her/his role in engineering the teaching-learning situation and the importance of making it a more meaningful experience for both the teacher and the pupils."

In view of the above, the education programmes need to be meticulously planned and organized with the use of different material and methods, so that the teachers of desired pedagogical skills, attitudes and competences are developed through training.

In present age of ICT, the pedagogical content knowledge and skill of teachers should be enhanced with the use of Multimedia content. Teaching English Language is one of the areas in which lots of scope for the use of content and ICT based resources. Mainstreaming the technological media within what is called "Multimedia" is the pattern which led to infinite applications of computer technologies. The concept of this technology came into being with the appearance of sound cards, then compact disks, then came the use of digital camera, then the video which made computer an essential educational tool. Nowadays, Multimedia

expanded to become a field on its own. The use of educational technology should be tried to be important component of training strategies for both student-teachers and in-service teachers.

### **Interactive Media:**

Interactive Media (Multimedia) is the multiple introduction of a material with picture or text. On the other hand, Multimedia is defined as the synthesis of digital platforms such as text, audio, graph, animation, visual and video. In another explanation, is "the field concerned with the computer-controlled integration of text, graphics, drawings, still and moving images, animation, audio, and any other media where every type of information can be represented, stored, transmitted and processed digitally". Multimedia as the use of more than one platform bodily to increase the effectiveness of instruction. However, it is generally used to refer to computer-based Multimedia today. On the other hand, the use of platforms like movies, slides, music and light for purposes such as education or advertisement are emphasized.

In summary, it could be stated that Multimedia is composed of computer platforms where written media is presented with audial, visual and animation media, and high definition and graphs are set. From the literature, it could be asserted that Multimedia use eases and objectifies learning as it presents more than one technological factor to the learner and it addresses more than one emotion of the receiver.

### **Deviation on cognition**

Many teachers have deviations on cognition to multimedia teaching, such as some teachers mistakenly think that they can give up the traditional teaching because of with multimedia, and some one-sided consider it is only the PPT courseware in multimedia teaching, and so on. These deviations cause the consequence of multimedia teaching equipment has not been effectively used, poor quality of the courseware, and the teaching effect can't be achieved the expected level.

### **Blindness on establishment and using**

Because that the multimedia teaching has been regarded as a very important indicator in evaluation of teaching level, almost all schools and education institutions invest blindly in building multimedia classroom and encourage the multimedia teaching, in order to meet the target. Many teachers "rush" blindly require the use of multimedia, regardless of the course feature need or not, no matter of the teaching effect and student's satisfaction. The limited multimedia resources are occupied as thus, it will certainly cause the multimedia equipment can't be truly effective use.

### **Reducing on teaching skills of teachers**

Many teachers rely too much on multimedia, multimedia courseware even can be used to mask and make up some problem such as inadequate preparation for lessons, socialism about partial content, etc. They don't pay attention to the basic training of language, blackboard writing and demonstration in the traditional teaching, so their ability to control the classroom is poor, adaptability to changes bad, who certainly can't adapt to the change of teaching environment. For example, once the classroom fall in with the failure of electricity supply, or multimedia system failures, and some else abnormal situation, they will unable to go on the normal teaching and only suspend temporarily.

### **Efficiency:**

Each of teaching form has its own advantages and disadvantages, we only learn the essence of all kinds of teaching methods and means, optimize and comprehensively apply them. Only in this way, we can really improve the teaching effect. Multimedia teaching should be organically combined with the advantages of traditional teaching means, and timely switch in the two kinds of teaching methods to make them into supplement each other. Blackboard writing and body language of teacher are also indispensable in multimedia teaching, for example, the reasoning process of important and difficult contents should be lectured by necessary blackboard writing. For problems, solution and conclusion, flexible use of multimedia technology is better than traditional teaching means, we can combine picture, text, sound, video and show the dynamic change process, to deepen the students' impressions and memory and achieve the best teaching effect.

### **Conclusion:**

Multimedia teaching is a kind of advanced teaching form with advantages of intuitive, vivid, informative, interesting and many other. It has incomparable advantages against traditional teaching means and can greatly improve teaching efficiency, but we should also realize its shortcomings at the same time.

The traditional teaching and multimedia teaching must be organically combined as auxiliary and supplement each other, only this can receive the teaching effect of getting twice the result with half of the effort.

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