

13

Application of Multimedia Technology in Modern Teaching

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Introduction

Multimedia by definition means "more than one media". Multimedia approach means the use of teaching material in different forms in order to clarify a topic. In other words, using a communication medium along with instructional methods and techniques is called multimedia approach. Here, multimedia does not mean the use of many media, but planned use of many media and techniques. In the words of Dr. Boraskar: "Multimedia approach means the maximum utilization of effectiveness of different techniques and media in proper combination to achieve desired end." In teaching, multimedia approach is also called instructional development. This is used for educational

learning. Multimedia simply combines elements into a powerful new tool, especially in the hands of teachers and students.

Interactive multimedia weaves five basic types of media into the learning environment: text, video, sound, graphics and animation. Since the mode of learning is interactive and not linear a student or a teacher can choose what to investigate next. For example, one does not start on the first page of a linear document and read to the end. Interactive multimedia learning mode is more like constructing a spider's web, with one idea linked to another, allowing choices in the learner's path. The element of multimedia in Education is very tempting to use the latest computer wizard to represent information and develop computer enhanced learning material. However, the instructional design of these systems should be based on a careful examination and analysis of the many factors, both human and technical, relating to visual learning.

When is sound more meaningful than a picture? How much text is too much? Students must be able to select appropriate multimedia tools and apply them to learning task within the learning environment in order to effective learning to take place. A multimedia learning environment involves a number of components or elements in order to enable learning to take place. Hardware and software are the only part of the requirement. Multimedia learning integrates five types of media to provide flexibility in expressing the creativity of the student and exchanging ideas out of all the elements, text has the great impact on the quality of the multimedia interaction. Text provides the important information. Text acts as the keystone tying all of the other media elements together. It is well written text that makes a multimedia

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