

AUDIO VISUAL MEDIA

The process of teaching can be enhanced by using various forms of media. Audio Visual Media is one of them.

The medium of instruction which uses sound as well as visuals is called the Audio Visual Media.

- In this module, we will learn more about the following audio visual media:
 - i) Streaming Video
 - ii) Television / Educational Television, and
 - iii) Computer

(I) Streaming Video

Streaming means watching a video or listening to an audio in 'real time' without having to download it to your computer first and then playback.

Streaming video refers to a system that permits a video file to be played without the viewer having to download the entire file at a single go.

A part of the file gets downloaded to the buffer and the player begins to play the portion that is buffered while the remaining portion downloads and gets buffered.

Since data arrives constantly in real time in small portions, it is known as streaming.

Streaming video is a one way video transmission over a data network. It is widely used to watch video clips from the internet on smartphones, laptops, tablets, and desktops

A streamed video is played immediately after a small amount of data is received and the data is not permanently stored on the destination device.

In other words, video streaming is a type of media streaming in which the data from a video file is continuously delivered via the Internet to a remote user.

It allows a video to be viewed online without being downloaded on a host computer or device.

Once the broadcast is finished, if you want it again, then you have to re-stream it from its source. Examples: YOUTUBE, NETFLIX, AMAZON PRIME VIDEO, etc.

ADVANTAGES

- It encourages students to become more independent and responsible for their own learning.
- It provides students with a study aid
- It is good for learners as it enhances the learning experience by incorporating the audio as well as the visual element in the lesson.

LIMITATIONS

- Internet connectivity is required.
- Battery life of the device is affected.

- Students' ability to ask questions or participate in discussion is limited.

(II) Television / Educational Television

Television is one of the major means of mass communication.

It provides not only entertainment but also helps to telecast education related programmes.

Educational Television is a system that presents learning content in various subjects produced by an agency. It is a means of providing direct instruction (formal) as well as continuing education (non-formal). It has the capacity to bring the world into a classroom and a classroom into a home.

ADVANTAGES

Educational Television combines several sensory experiences.

It is a versatile educational vehicle. It transcends time, place and distance

It provides a powerful visual medium

It saves time and efforts of the teachers as well as the students

LIMITATIONS

It is a one-way communication. There is no individual contact. Hence there is nothing more than viewing and listening.

There is a problem of pacing the learning experience. The programmes cannot be adapted to individual learner needs. It is adapted to a group.

Largely, there is an absence of learner participation

(III) Computer

Computers have given impetus to education, including distance education and online education.

Computers encourage students to surf web pages and gather relevant detailed information.

Computer software helps in better presentation of information.

Computers enable storage of data.

They enable access to the internet.

ADVANTAGES

Computers help in quick data processing

They are the audio – visual aids in teaching

They help in presenting the information in a better manner

They help in accessing the internet

They help in storage of information

They help in quick communication between students and teachers

LIMITATIONS

Prolonged exposure to computers can affect the health negatively,

Over dependence on computers can result in less usage of the memory power as all the required information is available on the computer.

Computers provide access to the internet. If the access to the internet is not monitored, then students might access inappropriate information.