

Impact of Audio-Visual Teaching in Relation to Academic Performance of the Students

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Abstract - Information technology (IT) have become commonplace entities in all aspects of life. In this paper, we have concentrated on Audio-Visual learning that is also a part of IT has an great impact on teaching and learning process. Students understand more easily through and Audio-Visual learning. As whatever we see and listen we remember more than that we read or write. Audio-Visual teaching also helps teachers to teach the concepts more clearly with picture presentations.

Key Words: Audio-Visual teaching, Effective learning, Pictorial Presentation, IT tools, Easily Understandable.

1. INTRODUCTION:

Audio-Visual teaching helps students to understand this subjects easily. The concepts of biology gets more clear when we actually see the process of a particular system than by just reading it. Like for example the Structure of a Human Heart and its functions like how the blood follows through it can be understood easily if we see that process actually happening through the AudioVisual teaching. The shortcuts in mathematics can be explained through the videos and pictures that makes learning mathematics fun. Students who don't like a particular subject, starts learning it if the subject is made easy to understand and fun learning through cartoons and pictures. The chapters of History becomes interesting, if they are represented in a story format through Audio-Visual teaching. Students can easily remember the things that listen through the story, as it is fun for them to learn. In addition, IT provides the assistance and complementary supports for each lecturers and students wherever it involves effective learning with the assistance of the computers to serve the aim of learning aids. Computers and technology does not acts as a replacing tools for quality teachers but instead they are considered as an add-on supplements needed for the better teaching and learning. However, IT integration is not a one-step learning process, but it is a continual process of learning that provides proactive teaching-learning environment.

1.2. Background and Literature review:

The previous researches has stated the effective effects and ways in which IT has change the teaching and learning process. But the IT has some adverse effect on teaching too, such as students who are easily available with the bulk of information through technology will void reading books for getting information. This will reduce the interest of students

in reading. The eye sight will also be effected due the more use of technology. Through previous researches it is clear that IT may help teachers and students to easily understand the topic but it should not reduce the reading habits of students. In a 2015 research article, Increasing Student Engagement, Self-Efficacy, and Meta-Cognitive Self-Regulation in the High School Geometry Classroom: Do iPads Help?, by David R. Perry and Andy K. Steck four questions were addressed.

1.3. Objective:

The main objective of these research is to know whether the IT has an impact on teaching and learning process. The main point is 'Do Audio-Visual Teaching is good or bad?'. Students do understand more through Audio-Visual teaching learning process but do it really has a good impact or not.

1.4. Hypothesis:

H0: Audio-Visual learning is not a good option for teaching and learning process.

H1: Audio-Visual learning is a best option for teaching and learning process.

2. Methods and Materials:

In this research, quantitative methodology was used to collect and analyse the data obtained from all the respondents. The researchers developed the questionnaire and finalized it before being distributed to the targeted group of respondents. For this research the data was taken through the Google forms. The data was been collected from different age groups of people belonging to different fields. In this research the feedback of teacher, student and parents all were recorded to know what they think about the Audio-Visual teaching that is been more in practice now-a-days due to IT, has impact on students. All the data collected from the respondents were gathered together to be analyzed using the spreadsheet generated on the responses given by the respondents. Different age group of people were considered as it is important to know that which age group is more technology bond. And those the generations before are used to this changing world of technology.

2.1. Data and Result:

According to the responses, people more preferred watching videos than reading books. In fig 1.1, it is seen that no matter

of the age but watching videos was preferred more than reading books as it is fun and also easily understood. From the fig 1.2, it is clear that IT has the good impact on teaching, but it also has some bad impact like use of technology to extreme can also be harmful as students than may lose their interest in reading books. Use of AudioVisual teaching is also more preferred and understood by people no matter what the age group is; refer fig 1.3. The overall result is that people like to prefer Audio-visual teaching as it is most effective way of learning but they also are aware about the adverse effect of the same. Use of technology for understanding a topic is good but reading books is also important for students. Audio-Visual teaching is easy to adapt as everyone is user friendly to technology now-a-days.

Count of What would you prefer more for learning?

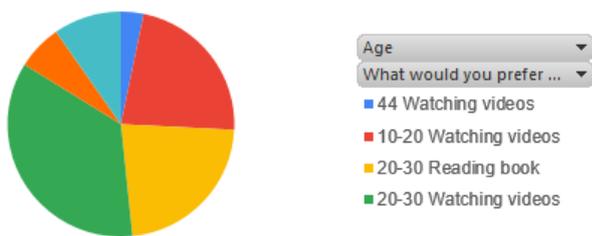


Figure 1.1

Count of What type of effect IT has on teaching?

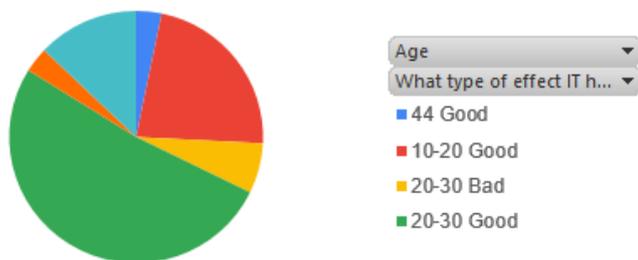


Figure 1.2

Count of Do you understand easily through audio visual teaching?

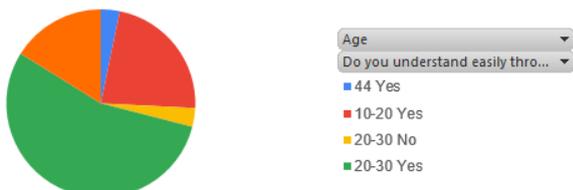


Figure 1.3

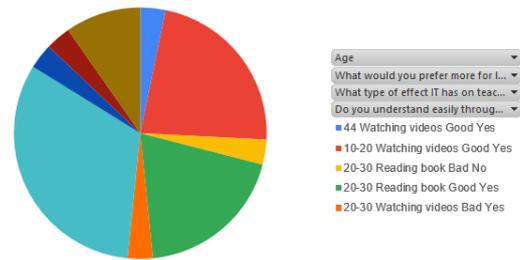


Figure 1.4: The overall responses from Different age groups of people regarding impact of IT on teaching and learning

2.2. Discussion:

The results of this study show that Audio-Visual-based teaching and learning is more effective in compare to traditional classroom. This is because, using IT tools and equipment will prepare an active learning environment that is more interesting and effective for both teachers and students. However, most of teachers in this study agree that IT helps to improve classroom management as students are well behaved and more focused while learning through Audio-Visual teaching.

2.3. Suggestions:

- Audio-visual teaching is the most effective way of teaching according to today's world.
- But the only use of Audio-Visual teaching is also not the right choice as students should also have the love of reading.

3. CONCLUSION:

In conclusion, Audio-Visual teaching is more effective way of learning as it helps students to know the topics more clearly and practically through video presentations. Audio-Visual teaching also helps teachers to explain concepts more effectively and clearly. The technology has changed the way of teaching and learning a lot. Through videos students grab things faster than the normal teaching. Students will not miss something out as they can learn through videos later. They can solve their doubts easily during exams anytime and anywhere without disturbing anyone. This improves the performance level of students too.

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