



# A STUDY ON THE USES OF MODERN TEACHING AIDS IN CLASSROOMS AT THE UNDERGRADUATE LEVEL

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**Abstract:** Teaching aids are considered as backbone of teaching learning process. To make teaching learning more effective, interesting, dynamic and suitable the uses of aids are most essential. Generally in our traditional classroom chalk, blackboard, maps globes charts duster are used as a teaching aids. But according to the changing scenario of education the changing of teaching aids also an need of an hour. So regarding this context an attempt was made by the researcher to see whether the educational institutes specially located in some rural areas are able to uses the innovative teaching aids effectively. Data were collected from 150 students from three institutes by using self structured questionnaire.

**Key words-** Modern teaching aids, classroom, undergraduate level.

## **INTRODUCTION:**

The importance of teaching aids in the teaching-learning process has gained momentum in this modern age as the methodology of teaching shifted gradually from passive flow of information to interactive way of learning. Teaching aids are the tools that are used by teachers in classrooms which helps in explaining a concept effectively to students. Teaching aids facilitates the process of learning. Teaching aids generally helps in drawing the attention of the students and in integrating classroom teaching with the day to day situations of life. Since many years blackboards, chalk, chart, instructional materials like the books have been used extensively and are much popular among teaching aids. The scenario of using teaching aids in the classroom has rapidly changed with the change in science and technology and also due to the emergence of the information age. Some of the modern teaching aids are overhead projectors, LCD projectors, white boards, computers /laptops, power point presentation(PPT), e-books and many such audio-visual aids. Today most of the classrooms are equipped with these modern teaching aids to provide quality education to students. Especially the internet has brought a tremendous change in providing various online aids of teaching. Gradually the modern teaching aids have created dominance over the traditional teaching aids.

## **SIGNIFICANCE OF THE STUDY:**

Teaching learning process would be incomplete in a classroom without the use of teaching aids. Due to their various advantages and educational value, modern teaching aids are almost used in all the present day educational institutions. Modern teaching aids enables the students to understand the class lessons easily and with clarity. These aids attract and motivates the students. They help in saving time and improves learning skills among the students. If these aids are incorporated in a planned manner in the classrooms then teaching will become lot more effective. The effectiveness of teaching aids entirely depends upon the way they are used by the teachers. If the white boards, computers, projectors, PPTs, CDs, e-books etc. are used properly and wisely by the teacher, quality standard in the teaching-learning process is to be attained. Inspite of their growing popularity, dominance over traditional methods, extensive usage, wide range of enhancement etc., still some challenges are faced in the area of using modern teaching aids by the educational institutions of Assam. Most of the **modern aids of teaching** are not affordable and reachable to the students across the state particularly in the colleges situated in the rural areas and hence only a particular section of the students are benefited by these aids. Due to various factors like environmental conditions, infrastructural needs and financial budget ,these sophisticated equipments cannot be incorporated in an ordinary classroom. The teachers too have to update their skills for using these technological based aids and learn to handle them. Still today some colleges depends mostly on the traditional teaching aids .To know about the real picture of what is going on in the field of using modern teaching aids in the colleges, researches are conducted. In relation to that, this paper attempts to study the use of modern teaching aids in the degree colleges of Dhemaji District of Assam.

## **OBJECTIVES:**

The objectives of this study are –

- To find out whether the modern teaching aids are really used in the colleges of Dhemaji District.
- To study the impact of modern teaching aids on the undergraduate level students/ degree students of Dhemaji District.
- To give suggestions to improve the use of modern teaching aids in the colleges of Dhemaji District.

## **METHODOLOGY:**

The researchers used Descriptive Survey Method for this study.

## **POPULATION:**

All the students of three Colleges of Dhemaji District, namely, Bordoloni Central College ,North Bank College,Ghilamara and Paschim Dhemaji College were taken as population for the study.

## **SAMPLE:**

300 students from odd semester students of Arts stream of the three colleges of Dhemaji District, Assam were purposively selected as sample for the present study.

Table No.1. Sample of the study

Districts	Name of the college	Number of students	Locality	Stream
Dhemaji	Bordoloni Central College	50	Rural	Arts
Lakhimpur	North Bank College	50	Rural	Arts
Dhemaji	Paschim Dhemaji College	50	Rural	Arts

**TOOLS USED:**

Self structured Questionnaires were used as tools for this study.

**PROCEDURE OF DATA COLLECTION:**

The investigators visited the colleges personally and sought permission from the authority for collection of data. After got verbal permission from the authority the researcher became ready for collect data. The researcher entered the classroom and students were instructed by the researcher about the questionnaire. After clear understanding of the students researcher was distributed the questionnaire among them. After interval of 45 minutes the researcher collected the questionnaire from the respondents.

**ANALYSIS OF DATA:**

The researcher collected data from the selected sample of 150 students of undergraduate level by using a self structured questionnaire which comprises some aspects of modern teaching aids. The questionnaire was yes no type. The respondents have to put tick mark on the appropriate box. Percentage was used for analyzed the collected data. Data has been analyzed qualitatively.

1.*Power point presentation with LCD Projector:* The power point presentation in the form of slides and PowerPoint serve as a very important role in modern education system. Power point presentation also attracted those students who feel teaching learning process as boring process. So as a effective tool whether it has been use or not is a crucial point .But in this study regarding use of power point in classroom it has been found that out of 150, 120 respondent expressed that some of their teacher not all have used powerpoint presentation with LCD Projector.

2.*Laptop or computer:* Computers have become one of the most effective learning aids of modern times. Today's education is considered incomplete without using the laptop or computer. This is the basic machine on which all other electronic medias of learning depends. This can be bought in various terms like desktops, laptops, notebooks and simply e- readers. But regarding the use of laptop or computer the respondents responded that very few teachers have used this tool in their classrooms.

3. White board as a tool in modern teaching: Whiteboard of today also known as smart boards are the latest tools in the methods of modern teaching. Regarding the use of smart board in classroom, 150 out of 127 students revealed that they have not sufficient white board in their classrooms.

4. Educational T.V.: Educational content is also available now a-days on television which is related to home by DTH like the DISH TV, BIG T.V., TATA SKY, AIRTEL and so on. In the context of improving teaching, teacher can use the educational TV. in classrooms also, which gives knowledge in an effective way. But regarding the use of educational TV in their classroom all the respondents responded that they have not used educational TV. as a teaching aid.

5. E- book ,electronic note, internet surfing: Regarding the uses of e-book ,electronic note, internet surfing in classrooms 265 students expressed that they have been given e-note through internet by using different personal tabs.

### **MAJOR FINDINGS OF THE STUDY:**

- 80% Students expressed that some teachers uses power point presentation in their classrooms.
- All students revealed that they have not sufficient electronic whiteboard or Smart board in their classrooms.
- 100% revealed that they have not used educational TV. in their classrooms.
- 88% opined that some particular department like English and Political science used electronic note by using their cell phones.
- They expressed that Very few teachers used laptops or computers in their classrooms.
- 80% student expressed their feelings that though they have not used this modern teaching aid in their classrooms, but it is very necessary to use them. Because the use of modern aids in classroom can motivate the students for better learning.
- 70% students expressed that they may be benefitted if their classrooms are well equipped with modern teaching aids.
- 90% students revealed that they still depend on the traditional teaching aids instead of using the modern teaching aids.
- Almost 90% students want to use the modern teaching aids in their classrooms which makes teaching learning more interesting and easier.

### **SUGGESTIONS:**

- Seminars and workshops on the importance of using modern teaching aids in the classrooms or how to use these teaching aids etc, should be organized in the colleges.
- The state government should provide funds to access the modern teaching aids in the classrooms.
- Awareness programs should also be conducted by the students of the colleges, so that modern teaching aids are used and they react positively on their uses.
- Training should be provided to the teachers on improving ICT skills so that they do not hesitate to teach the students by using the modern aids in the classrooms.
- Moreover teachers in general are to be convinced that teaching with words alone is wasteful and ineffective.

- The college authority should make sure that at least one or two modern aids are used by the teachers in the classrooms while teaching, or it should be made compulsory for the teachers to use these aids.
- The teacher should give lectures on the topics by using PPTs so that the students feel interested and motivated.
- In the rural areas due to interrupted and irregular power supply, many of the modern aids cannot be used properly. So, this problem should be tried to solve.
- The modern aids should be used in the classrooms by the teacher in a planned manner, with proper preparation, correct presentation, appropriate application and discussion and the essential follow up work. Then its use will be a success.
- The teacher should select the right kind of modern teaching aids for each subject he/she teaches. Then only judicious use of these aids may be done.

### **CONCLUSION:**

The place of modern teaching aids in education has been recognized long ago. These aids make the teaching learning process an attractive, interesting, interactive and wonderful process. The problem arises in extending the benefits of these aids to all teachers and all students. In this sphere, equity is very difficult to be achieved. It is very necessary to overcome the challenges concerning the uses of modern aids so that the goal of 'EDUCATION FOR ALL' can be attained. So this paper was an attempt to find out the actual scenario of using modern aids of teaching in classrooms of Assam.

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