

Use of the Information and Communication Technology (ICT) in teaching learning process (Availability and non availability of ICT related teaching aids in tenth standard in schools of Gossaigaon Sub-Division)

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Abstract:

Technology is a systematic application of scientific learning. It reduced time money and effort. In 21st century the Information and communication technology is used in learning process, it is also known as A3 means any time, any one and anywhere. It is a medium of teaching and learning. In our classroom transaction in previous time was dominated only teacher but now-a-days classroom transaction is not only teacher oriented but also learner oriented. But technology is never an alliterative for teaching. This paper is an attempt to study the availability and non availability of ICT related teaching aids like some audio aids, visual aids and new technology like mobile phone. Internet, e-learning etc. It is also noticed that in Kokrajhar district Gossaigaon sub division is the most important sub division. It is situated more than 45K.M.far from Kokrajhar town. There are more than 34 no. of high and higher secondary schools and more than six no. of private high schools. But due to insurgency problems and financial hardship there are not availability of teaching aids. There must be adequate trained teacher and qualified computer staff. Teachers attitude towards the importance of teaching aids is also a matter to be given must weight.

Introduction:

In 21st century, teaching learning skills underscore the need to save the teacher centered pedagogy to make learner centered methods with ICT based technology. Knowledge is disseminating through the technology. Technology is neither replaced the teacher in the classroom nor in front of the camera, yet it has necessitated a change in his or her role from multi skilled facilitator. The present age is an information age and termination- growth of knowledge is developed with the help of technology. Information technology is a tool and technique through which information is recorded, editing, stored manipulated transferred with enormous in the minimum possible time.

In the 21st century teaching is a learner centered education system. It reduced the teacher- centered traditional system. The tremendous growth of exploration of knowledge it

is only help of information technology, which influence of all section of people. It is also known as A3 means any one, anytime and anywhere.

Significance of the study:

India is a largest education system and teacher centered education depends upon the classroom transaction. Because according to SEC (1952-53) the destiny of a nation is shaped in its classroom. But statistical data every 100 students only 30 are failed to reach +2 levels that is high school level. There is only purely attributing to non availability of adequate Information and communication related teaching aids (ICT) and trained teacher. So this study tries to find out there availability and utilization. The significance of the study as follows---

1. Effective substitute of direct contact student and environment.
2. Desire change in attitude and behavior of both kind of human resources.
3. Developed meaningful concept and abstract information about object and subject.
4. New knowledge and information in the forms of books, media and develop the self study.

Technology can use to nation wise classroom distribution. It is facilities the better time management and reach learning environment with the help of on line programmers room and audio visual programmes. It is possible for a learner to be touch with the teacher in a virtual mode.

But technology is neither replaces the teacher in the classroom, nor in front of the camera, but its usage can improve the teacher and student efficiency in translating curriculum. In particular it has change the basic role of the teacher from monolithic responsibility of knowledge.

Objective of Information and communication technology (ICT):

The objective of present study is as follows:

1. To find out the availability of ICT related aids in Gossaigaon subdivision.
2. To find out extent of provision of ICT related teaching aids.
3. To find out the awareness of computer literacy in high school students of Gossaigaon subdivision.
4. To find out the nature of procurement of ICT related teaching aids.

- 5 .To camper the nature of utilization and availability and non availability of teaching aids in selected Schools
6. To find out the influence of teacher utilization of teaching tools.

Methodology of the present study:

Methodology means procedure used to investigate the real truth of facts, the effective of study mainly depends upon the methods or producer followed in carrying out the study.

To compute the present study descriptive survey methods is most useful to collect information. With the help of survey method the investigator makes attempts to bring forth the existing status of ICT related teaching aids in selected schools of Gossaigaon sub division in Kokrajher Districts of Assam.

In the present study the researcher is only investigate the availability of ICT related teaching aids in selected high and higher secondary schools and their extent of utilization, working and nonworking conditions. The researcher also try to invest aged the teacher uses of those aids. The geographical description of gossaigaon sub-division at a glance is given below.

1. Name of the block: Gossaigaon.
2. Total numbers of high school:16.
3. Total numbers of secondary schools: 05.
4. Total numbers of teachers in high and secondary schools: 450.
5. Total numbers of literate people in Kokrajher district-503,178

Total percentage- 66.63%

Male-73.44 Female-59.54%

There are more than 34 numbers of private and recognized high schools and more then 05 numbers of secondary schools in gossaigaon subdivision for the improvement of quality of investigation the researcher have taken only 16th private and recognized schools. The name of the recognized and private schools is as followed.

1. Gossaigaon boy's higher secondary school.
2. Gossaigaon girl's high school.
3. Colligate high school
4. Sastri vidyapath high school

5. Hubrubil high school
6. Ghanpur higher secondary school.
7. Tamarhat high school.
8. Bhowareguri girls high school.
9. Srirampur high school.
10. Hatidhura high school

The private schools situated at Gossaigaon sub division as follows.

1. St .Anthoney e.m.school.
2. Sankerdeve.e.m..high school.
3. Little flower English school.
4. Sunrise e.m..schools
5. Loyola e.m school
6. St.Marries school.

Here the researcher is used some sample of questions for collection of data on availability and utilization of ICT related teaching aids. In this study the researcher only collected the availability of some selected teaching aids and their working and non working conditions in both kinds of recognized and private schools.

Analysis and interpretation of data:

In the general observation of data it was observed that ICT related teaching aids are increasing day by day .The availability. and utilization of teaching aids on is also good sign because under the Rajib Gandhi Computer literacy scheme (RG C L S) most recognized schools has supplied computer set .But most schools the teaching aids like audio aids ,visual aids are mostly available in spite of modern ICT related teaching aids

It was also observed that computer availability is more then net facility. more than private schools than Govt.recognised schools The following tables are presented to reflect the availability and working condition and percentage of working condition.

Serial no	Name of the teaching aids	No of schools having teaching aids(16)	Percentage of availability	Percentage of non availability
1	Chalk board	16	100%	
2	Charts	12	75%	25%
3	Picture	12	75%	25%
4	Microphone	6	37.5%	62.5%
5	Tape recorder	6	37.5%	62.5%
6	Television	5	31.25%	68.8%
7	Computer	5	31.25	68.8%
8	Internet	2	12.5%	78.5%
9	E-learning	2	12.5%	78.5%
10	M-learning	8	50.0%	50.0%

From the above table it is founded that the ICT related audio and visual aids are more availability than new ICT related teaching aids. Because those aids more demand trained teacher, most costly and lack of infruscture facility, poverty of students etc,

The following Graphical representation showing the availability and non availability of teaching aids.

Some important observation of the present study:

The investigator has noted down some significant observation regarding the main topic of teaching learning materials in the selected high and higher schools at Gossaigaon subdivision. Some of the important observation is as follows.

- 1) The availability of teaching aids are not satisfactory. Only limited numbers of visual aids are availability in recognized schools.
- 2) The school authority concern doesn't pay much attention towards the supply of ICT related teaching aids.
- 3) It is also observed that there is a vast difference between trained teacher attitude and untrained teacher attitude towards the importance ICT related teaching aids.

4) It is also observed that there is a much gap regarding the availability and working conditions between the govt. recognized schools then private school.

Conclusion:

Teaching aids is a potent factors of motivated the pupils learning which demand easiest, interesting and joyful learning. It also changes the atmosphere of the class room situation. In developing country like Britain, USA, etc are developed communication satellites programmed to all the public TV station. In India after 2002 the Govt. of India lunched a project called Vidya vihini to provide IT enable education and 150 high schools has proposed to computer lab.IGNOU has also lunched radio and TV in open school and open college.

In Assam the Govt.of Assam has suggested various programmed like OBBS has provided various facilities like glove, charts pictures chalk board, tape recorder.science kids etc .I can concluded that the following lines according to Marashall McLuhan 1992 said that radio is not only the ‘tribal dram’ but also the rural lamp’

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