

USE OF SELF MADE CD`s IN CLASSROOM TEACHING BY SECONDARY SCHOOL TEACHERS - A STUDY

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ABSTRACT

The use of IT has proven to be effective in the field of Education. Then too in comparison to other countries, IT is not being properly used in Indian education system the way it should have been used. More practice should be alone in order to make effective use of IT in classroom teaching. For this if self-made CD`s being prepared by teachers then it would be valid and at the same time economically feasible. It is definitely going to be effective in teaching. Teachers will be more curious to use educational CD`s prepared by them. With the help of IT teaching process becomes lively, interesting and effective. Schools should accept “Computer Teaching” and “Teaching through Computer”. Another advantage of IT is that in the absence of teacher, teaching process continues.

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PREFACE

IT is being used in almost every field, then how can the field of education be left behind neglected? The use of IT is becoming effective in the process of teaching and learning. By the use of IT the method of teaching and learning becomes easier, interesting and productive. Then too in comparison to other countries IT is not being used in Indian education system the way it should have been used. Classroom teaching can be more innovative and effective with the use of various teaching aids available in market, which are expensive. More over, all the teaching aids available in market were not prepared under the guidance of experts, which remains the question of its validity. If teacher themselves are preparing teaching aids then those aids are valid and at the same time cheaper also. It also encourages other teachers to use it. For this secondary board and Intel did a study.

Objectives

- 1) To use IT in classroom teaching.
- 2) To choose unit based on textbook.
- 3) To prepare the lesson plan for the presentation of chosen unit.
- 4) To prepare presentation in power point according to the lesson plan.
- 5) Prepare the CD, which is economically feasible to school.
- 6) Teacher will do teaching through CD.
- 7) With the help of CD student can do self-study.
- 8) Teacher will take interest in “computer teaching” and “Teaching through computer”.

Method of Study

I had discussed Ex-secretary Shri G.K. Patel of secondary Board of education, co-coordinator of Intel Mr. Milap Mehta. After discuss we made a plan for work. In this plan we thought - two teachers from each district of Gujarat State give guidance and inspiration and prepared educational CD. There after the working style of the programme is as follows.

- **FIRST SITTING :-**

PART –1

- On 19/11/04 at A.G.Teachers College 2-teachers from each district participated in first sitting.
- Ex-secretary Shri G.K.Patel of secondary Board of Education, coordinator of Intel Shri Milap Mehta and all participated teachers become familiar with the purpose of the project and the working style of the programme.
- We show Power point presentation of many educational units
- We discussed with teachers, many notices were given and accepted.

PART-2

- All the teacher were divided in five groups according to subject of interest (Gujarati, English, Maths, Science, Social Studies)
- Teachers are supposed to choose the unit in their respective group.
- Further unit bifurcation is done.

No. Of unit selected on the basic of class and subject.

SUBJECT	STD – 8	STD – 9	STD –10	TOTAL
GUJARATI	04	31	37	72
ENGLISH	05	06	18	29
MATHS	05	08	09	22
SCIENCE	12	13	08	33
SOCIAL STUDY	02	07	09	18
TOTAL	28	65	81	174

- **Decided / Points:**

- 1) First prepare lesson plan of the unit selected for presentation.
- 2) Prepare power point presentation according to the lesson plan.
- 3) Do copy of presentation on C.D.
- 4) If required then take help of other teachers, members of Intel or contact organizers.
- 5) Again meet on 11-Dec-2004 with prepared / created CD.

- ❖ **COMPONENTS OF LESSON PLAN:-**

- **Measurement of lesson plan**

- Purpose of the unit and its output.
- Content and its presentation.
- Practical

- **Implementation of lesson plan:**

- Use of teaching method according to the content matter.
- Use of available environmental Sources:
For E.X. Physical structure, students, employees of the school, parents
- Timetable of subject content, so that presentation can be made within the time period.

- **Multimedia presentation:**

- All the units should be covered in presentation.
- Use of all possible equipments of IT to make effective presentation.
- Download required information photographs and animation from Internet.

- **SECOND SITTING:**

- Second sitting was held on 11-Dec-2004 at A.G.Teachers College.
- Collection of CD`s prepared by teachers.
- Teachers share their experiences.
- Presentations of many units were done.
- Thought on more units to be covered through presentation in near future.

- ❖ Presentations of all units were copied on one single CD.

- ❖ With the help of subject experts all topics covered in presentation were checked and required changes are corrected.

- ❖ All the lessons prepared by teachers are uploaded on internet at **www.gujarat-education.gov.in**

- **EFFECTIVENESS OF CD:**

- 1) If teacher is preparing CD himself then he is definitely going to use it in classroom teaching.
- 2) CD`s checked by experts results in its validity.
- 3) Other teachers can also prepare presentation in their respective subjects.
- 4) Other schools also use CD made by teachers.
- 5) It brings effectiveness in teaching.
- 6) Much information given in textbook can be seen possibly in CD for E.X.: Experiments, Images, photographs etc.
- 7) With the help of multimedia we can put sound, colour, animation in background on any particular topic to bring reality.
- 8) Certain units` presentation in lively and three-dimensional manner results in clear concepts students.
- 9) Both teachers as well as students prepared many presentations.
- 10) Teaching process continues even in the absence of a teacher.

CONCLUSION

- 1) Classroom, teaching becomes more lively, interesting and effective with the use of IT.
- 2) More and more teachers were inspired to prepare CD themselves.
- 3) Teacher becomes more flourished with computer presentation.
- 4) For students teaching becomes easy and interesting.
- 5) Students can do self-study at their own pace.
- 6) While preparing educational CD get it checked by subject expert.
- 7) Education CD`s made by teachers are more valid and economically feasible.
- 8) School accepts “computer teaching” and “Teaching through computer”.
- 9) IT for TI (Information Technology for Teaching Innovative)

REFERENCES

- Patel Ashok and Patel R.S.(2001), Information Technology in Education, Nirav Prakashan, Ahmedabad.
- www.gujarat-education.gov.in

