

Chapter - V

Summary, Conclusion and Suggestions

CHAPTER V

SUMMARY AND RECOMMENDATIONS

5.1 SUMMARY OF THE STUDY

This chapter includes a brief summary of the study, findings and the conclusions drawn from various analyses. This is followed by the educational implication based on the findings of the study. Recommendations for further researches on related area have also been outlined.

Education, whatever be its goals and objectives, involves bearing of which behavioral modification is a part. The new knowledge are to be given to the students through our gateways of information. i.e. through our senses. As such along with the intellect vital to the bearing, multimedia approach makes use of pertinent scientific and technological methods and concepts, Multimedia programme help the children to gain actual meaning to the combat the tendency of abstractness and to stimulate correct thinking.

Rational of the study :

The use of multimedia programmes are justified according to the psychology of learning. Learning is based primarily on sensory experience. The multimedia programmes interpreted various sensor data from which he derives percept. The present status of implication of multimedia in the teaching subjects is of great importance. Although some studies have been conducted in this area, not much emphasis is directed towards the status study of using multimedia programme in teaching science studies in elementary schools in Indian context.

- Statement Of The Problem
- "Perception Of VII Class Students And Science Teachers On Quality, Format And Treatment Of Educational Multimedia Programmes- A Study.
- Objectives Of The Study

The study is undertaken with the following objectives in view.

- (1) To study quality format and treatment of Educational Multi-media Programmes on (animation).

- (2) To study quality, format and treatment of Educational Multi-media Programmes on (Project Activities).
- (3) To study quality, format and treatment of Educational Multi-media Programmes on (Quizzes).
- (4) To study quality, format and treatment of Educational Multi-media Programmes on (Graphical representation)
- (5) To study the usefulness of Educational Multimedia Programme to tackle different class room situations.

Methodology of the study-

Sample: The sample consist of randomly selected eight elementary school and the test were confined to 125 students of class-VII and Eight teachers who were again selected randomly from those schools.

Tools : One questionnaire was prepared for the students and Second interview questionnaire was prepared for teachers, to conduct interview to access their views about multimedia programme.

Analysis of data and Interpretation of Result:

Collected information from the students by filling the questionnaire made by investigator, were tabulated. For each statement percentage was calculated separately for positive responses and negative response.

Teachers opinion about multimedia programme by conducting interview were also worked out in statements and they were analyzed qualitatively.

5.2: Findings of the study :

Some of the important findings of the study are

- Most of the school possess single or double computers, but they are not used for the teaching purpose.
- Some school possess more than two computer but teacher does not use it for teaching purpose.
- Some school possess a computer laboratory but due to the lack of computer knowledge teacher unable to use it in teaching of subjects by using multimedia.

- In Some Schools teachers are aware about multimedia programmes but they are not able to produce these type of programmes.
- In some schools though the multimedia CDs are available but they are not use it properly for the teaching of various subjects especially science subject.
- DIET & SCERT have not done any significant contribution in this regard, for the use of multimedia in class room teaching.
- DIET & SCERT have not conducted any orientation programmes for teacher, for effective use of multimedia in classroom.
- Special efforts should be made to make the educational CD'S & multi-media programmes available at the primary school level by the state agencies like SCERT & educational department.
- Special budget should be made to procure the educational hard wares & soft wares developed by the national level agency & to update it at a regular interval of time.
- The BRC'S & CRC'S should also insure that these programmes are used by teachers during their routine super vision of the school.
- State agencies should ensure that at least computer should be supplied along with curricula based multi-media programme so as to enable the teachers to transact curriculum effectively.
- In most of the schools, teachers are not aware about multimedia programmes & hence they are unknown about the usefulness of multimedia programme in the teaching of various subjects.
- IN some schools teachers are aware about different parts of multimedia programmes.
- In most of the school no chance has been given to students for handing a multimedia programmes.

5.3 Educational Implications :

Computer as a lease line educational hard ware and teaching machine is an indispensable item to prepare, Manipulate, storing and multiplying the multi-media programmes in a school system. since computer has tremendous potentialities to

produce & utilize various types of images, still pictures, graphic, cartoon, sketches and three dimensional graphics & pictures by manipulating through different soft wares & by adding special effect, sound effects Audio effects and movement of graphics of pictures in a three dimensional way. The computes can utilize all these potential resources together for achieving the common aim by presenting subject matter in an innovative, creative & joyful manner. Theses strategies of creative presentation ultimately facilitates the class room learning by adding New learning experiences to the class room teaching . Multimedia programmes ones prepare though using various educational Soft wares can stored, duplicated & transmitted via internet through the far flung areas & remote locations with a view to extend its horizon extensively. Even though the preparation of multi-media programme initially requires huge expenses but once it is prepared & duplicated in large numbers to be extensively used over a period of time by thousand of school & colleges. The per capita goes does in the subsequent years. Keeping in view of the present challenges of school education & the quantum of knowledge require to be transected in the class room, every teaching faces the difficulty in updating the knowledge. & skill to fulfill the curricular of extracurricular requirement of the children in such circumstances Educational multimedia programmes are quit viable and practicable alternatives to support and supplement the any to day classroom diffidence by providing enrich & lively experiences to the children-

Multimedia is now regarded as a super teaching machine its use in education has been tried as an innovation and it has proved its teaching efficiency in many developed countries. Multimedia has been helping the teacher in the following areas.

1. Allocation of learning materials according to individual needs and interests.
2. Multimedia provides direct interaction between pupil and subject matter.
3. Multimedia engages students in tutorial work.
4. Multimedia provides immediate feed back to students for better interaction and motivation.

5.4: Conclusion :

This study uncovers the tip of the iceberg symbolizing the problems faced by our elementary schools where the teaching is done without a fresh breath of air, i.e. without use of multimedia programmes. The students are in want of fresh breath of air they like and love the innovative ideas of teaching. The young brain prefer the use of multimedia for effective teaching.

The students are of the view that though the school possess enough materials and resources those are not exploited for optimum learning.

The teachers though have many innovative ideas, are not applying them due to lack of motivation factor, financial constraints and administrative compulsions. The teacher are optimistic about the effect of multimedia in the teaching learning outcomes.

5.5 Suggestion for further research

The present study was an effort to critically assess the use of multimedia programmes in science at elementary level on VII class students only. The survey of related literature revealed the fact that only a few area have been conducted in the area of multimedia in Indian context. Here the result of the present study bring out certain points for further study which are as follows.

- To replicate the present study researcher can conduct a similar study with large sample of students and teachers in other districts of maharashtra or other state.
- Replication of the study may be done with different samples and at a different grade level.
- The effect of multimedia on achievement of science at other elementary level can also be studied.
- How multimedia programmes is helping in achieving high scores can be studied.
- Evaluation of different multimedia programmes can be done.
- Effect of multimedia programme teaching on the mental health of normal and specially need children can be studied.