Effectiveness of Power Point Presentation in Teaching-Learning

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ABSTRACT

In the world of IT the classroom is becoming more and more learner friendly. The classroom teaching is more or less relied on technological advancement. The PPT (Power Point Presentation) is widely used in teaching and learning and day to day presentation. The paper is focused on making use of PPT in teaching at teacher training level. There is an attempt to look into how PPT is effective in curriculum transaction in B.Ed. colleges (Pre teachers training college). The findings are really very significant in entire teaching learning process. The investigation has remarkably pointed out in understanding the content, in memorizing the content, the facility of presenting the content with the help of figures, tables, drawing, signs and symbols. It is very much helpful in linking the matter available on the Internet and live documentation can be easily presented. The responses have proved that the entire teaching learning becomes interesting, live, meaningful and effective.

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Introduction

A sharpened pencil is a more effective piece of technology than a word processor that is broken. Sixty years ago, filmstrips were the latest in up and coming technology. Filmstrips have been replaced by VHS tapes, which have been replaced by laser discs, and now replaced by the Internet. Computer has been widely used since its inception. How education can be excluded from it! Computer and MS Office applications have changed the environment of the classroom. One of the office applications is PowerPoint. It is very user friendly in making it affective with words, graphics, images, animation, sound, live scenes.

It was found from the website of CAP ET, 'Power point is an application for creating and delivering presentation. It was originally developed for public speaking and not specifically for teaching and what works in a boardroom may not necessarily work in a classroom. Its use in teaching and learning situations should provide a better way of communicating information to your students. Used thoughtfully, PowerPoint can enhance your teaching sessions by providing a roadmap, reinforcing what you say and allowing you to use graphics and other multimedia to clarify understanding and to support different learning styles.'

http://www.actden.com/pp/index.htm also ignites, 'PowerPoint is a high-powered software tool used for presenting information in a dynamic slide show format. Text, charts, graphs, sound effects and videos are just some of the elements PowerPoint can incorporate into your presentation with ease.'

Sue Kelley a teacher in urban area has write on her website, 'The presentation can be used in any content area and for any age student. It provides a venue to reach all styles of learner and offers a flexibility that no other teaching tool can provide. Power point presentation allows a teacher to share information in a manner that fits the classroom.

All in all power point presentation software adds a new dimension of teaching, learning and sharing information that is unlike any other tool.

A Harrison (1998) explains the benefits of power point for both the teacher and the student. In term of student presentation, PowerPoint slideshows can help nervous students speak more easily in the classroom. Harrison goes on to point out that for teachers, PowerPoint makes information presented neat, clean and interesting.

K Pattern (2001) describes uses of PowerPoint software for student presentations. Pattern argues that PowerPoint is a useful technology, beneficial for students on several levels. It helps students expand their understanding of technology and it builds confidence with using technology. With presentations, PowerPoint allows for the connections between content and the presentation to be easily. Pattern wrote, 'While I feel that PowerPoint can be a fun tech-tool to motivate students. I feel that this technology can be used in nearly every sort of classroom from science to English to maths.'

Problem of the Study

'Effectiveness of Power Point Presentation in Teaching-Learning'

Objectives:

1. To find out the characteristics of PowerPoint presentation that trainees would like to have presentation with PPT
2. To find out which characteristics of PPT are effective on teaching-learning

Sample:

The sample was derived from the teacher trainees studying in various B.Ed. colleges (Pre teachers training college) which affiliated to Gujarat University, Gujarat State, out of which two institutions were intently selected for the purpose of the study. The sample of 120 trainees was admitted for the inventory.

Method of the Study:

The investigator adopted the survey technique for the study. The inventory was prepared and was given to experts for their suggestions. Thus the inventory was finally prepared with final 23 items having 'Yes' or 'No' options. The inventory was field in by trainees and got completed. Having prepared applied format the further investigation was led with the help of proper techniques.

Importance of the Study:

The classroom teaching aid is becoming more and more dynamic process in classroom in curriculum transaction. The teacher has to make use of various techniques and electronic gadgets in day to day classroom teaching-learning process.

One of them is computer application PPT. The investigator would like to know which characteristics of PPT make the learning of the topic effective and meaningful.

The teacher applies multi sensory techniques in classroom teaching with the help of computer assisted instruction. Hence by applying PPT the teacher would come to conclusion how effective this technique in classroom teaching.

Analysis of the Data

Table: 1

Trainees' responses in percentage for PPT characteristic

No.	sentences	out of 120	percentage
1	better understanding	108	90
2	easily remembered	98	81.66
3	remembered for longer time	79	65.83
4	time saving for teaching content	103	85.83
5	leads strait to the topic	76	63.33
6	no teaching point is left	75	62.5
7	easy to preparing notes	60	50
8	fast visualization in revision	109	90.83
9	easy presentation of figuers, pictures and signs	117	97.5
10	avail figures, pictures, animations easily	107	89.16
11	create interest in learning	114	95
12	discourage loose talk	87	72.5
13	discussion and question during learning dose not divert from content	100	83.33
14	comparatively more effective than chalk and talk	108	90
15	loose participations of students	54	45
16	no benefit of this technique	17	14.16
17	maintain the sequences of teaching points	114	95
18	give freedom of movement to the teacher	104	86.66
19	more references can be seen	101	84.16
20	content of the internet can be availed easily in classroom	118	98.33
21	live images	118	98.33
22	provide opportunity for revision	100	83.33

Conclusions:

It is found from the investigation that more than 90 % off trainees found lectures with the PowerPoint interesting and meaningful. PPT presentation makes the graphics, pictures; figures live and content more comprehensive and interesting for trainees. It enables to maintain the sequence of teaching points. The references and documents can be linked easily. The striking feature of the investigation is better understanding of content and trainees can remember the content easily. 95% trainees intensively desire that teacher should use power Point presentation for teaching.

Recommendation:

It is revealed from the investigation that the teacher should make use of such teaching friendly techniques like Power Point Presentation.

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