Impact Of Using Powerpoint Presentation On Higher Education Students' Performance

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ABSTRACT: *Different studies show that the use of technology in education has developed new ways of teaching and learning. It enhances learning by providing a better understanding of the topic as well as motivating students. This study was carried investigate the effectiveness use of technology on teaching process and if the learners prefer this new way of teaching over traditional instruction methods. The sample of this study is Sixty students of Advanced Technological. The sample were split into three groups (HNDE, HNDIT, HNDA). Each group was taught separately, one by using technology in class (e.g; video-projector, power-point). Questionnaire was given to each group. This study includes close ended questions. In the research one of the ordinal measures called "Uni Dimensional five-point rating scale" is used to require respondent to order their answers. It represented that teaching based on the use of technology had a significant positive effect on higher education students' performance. Analyses showed that the mean score on a five-point scale shows high perception of the learners towards power point presentation and all the responses are high perception for PowerPoint presentation. Responses were computed through SPSS 16.*

1. INTRODUCTION

Today technology plays an important role in pedagogy. When teachers use it in their classrooms, in fact, they want to attract the students' attention, so that they can enhance effective ways of learning. It is obvious that learning a new language in a traditional way is not so enjoyable for today technology-dependent students, for this, the environment of the classroom has been changed. The process of learning a new language can be boring and painful for students, so they need much language support and the teachers who teach English know that any language support is helpful for language acquisition. Teachers must motivate students to be excited learners. Technologies make learning more fun by placing control over learning in the hands of students. So, this study tries to show the impact of using PowerPoint software, as an example of technology tool, on students' learning and motivation in language classes.

A multimedia tool can be an innovative and complementary technique to teach vocabulary for the reading skill, this tool is called PowerPoint. It is a presentation software program that allows users to make use of images, colored texts with simple animation. In the past decades, PowerPoint has been used in business to present graphics and general information. However, PowerPoint can be used today by language teachers as an effective and innovative technique to teach and educators may be able to substitute the traditional techniques which teachers usually use in the form of flashcards, pictures, dictionaries' and others. The purpose of this research is to present the effectiveness of using PowerPoint with the higher education students at the ATI Sammanthurai.

Education is an important thing in lives of human nature. Education is never separated with human's life, because of that almost everybody knows about education and does education in their lives. Barrow and Woods (2006) explain that education is the process of servicing human nature by the guide, instruction or training activity for their role in the future. In terms of making through learning process to make perfect the role of human being, somebody to needs to do education in live. Teaching adult learners is different from teaching young learners because children have their own characteristics in learning. As general rule, it can be noted that the way children learning English depends on their development stages. They can engage with abstract thought, they have a whole range of life experiences to draw on, they have expectations about the learning process, and may already have their own set patterns of learning, Adults tend, on the whole, to be more disciplined than some teenagers, and crucially, they are often prepared to struggle on despite boredom, they come into classroom with a rich range of experiences which allow teachers to use a wide range of activities with them, they have a clear understanding of why they are learning and what they want to get out of it. As we shall see in section below, motivation is a critical factor in successful learning, and knowing what you want to achieve is an important part of this.

So that, the results obtained will be a good learning and can motivate students' learning. In addition, the teachers must also be able to apply the learning method by using various media in the classroom. There are many ways or media in teaching at classroom, such as using pictures and images, OHP (Overhead Projector), board, realia, power point, etc. In this study, I decided to use power point media. Power point is a presentation program developed by Microsoft. When I was studying in the First Year of HND in English, I found that the students were eager to study English by using power point. It looked like that power point that was brought by the teacher into the classroom could focus the students' attention in delivering information and make the students feel fun, so the teaching-learning could be run well. Therefore, I am interested to find out whether the use of PowerPoint in teaching English can increase the students' learning motivation or not. I intend to know the effect of using power point media on HND students in Sammanthurai. Using power point as a teaching media is hypothesized to improve students' low learning motivation. The problem observed is that teachers are not taking advantage of this multimedia tool, called PowerPoint, as an

innovative and effective technique to teach and increase the knowledge for the skills. This study explored the effectiveness of using Power point presentation on students' performance in ATI Sammanthurai.

Research Questions

This study aims to examine if using power-point presentations in the classroom can improve the efficiency of teaching and learning. It also intends to determine the role of technology on motivation in the language classroom.

So, the study addresses the following questions:

- Does teaching language using power-point presentations contribute to better learning compared to traditional way of teaching?
- Does the use of technology in classroom have any impact on students' attitudes towards language learning?

Research Objectives

- To teach language using power-point presentations contribute to better learning compared to traditional way of teaching
- To use the technology in classroom, have impact on students' attitudes towards language learning

The topic I selected to do my research is "The impact of using powerpoint presentation on higher education students' performance. For most of students, the traditional way to learn language is by memorizing words through the use of different classroom techniques from different sources. However, using multimedia tools can help students improve the results of word memorizing. Some researchers have found that using PowerPoint presentations to teach language influences students in different ways. Indeed, they claim that students like to be taught through PowerPoint slides because of its novelty, availability, and entertaining context. Also they enhance clarity, and aid recall subject matter. This innovative technique offers more attention capturing than the traditional techniques used in classrooms and they attract more interest on students. So, PowerPoint presentations provide a great benefit by giving them the opportunity to recall or memorize subjects easily.

2. Literature Review

Microsoft Power-Point is a presentation program developed by Microsoft. It is a part of the Microsoft Office system which is widely used by business people, educators, students, and trainers. As a part of the Microsoft Office suite, Power-Point has become the world's most widely used presentation program.

Table 1 summary of Literature Review

| Author	Variables		Methodology	Finding
	Independent Variables	Dependent Variables		
(Ozaslan & Maden, 2013)	Presenting materials through visual tools	students' attention	Convenient sampling method	PowerPoint presentations made the content more appealing
(Corbeil, 2007)	captured via highlighting, colour, different fonts, and visual effects	Better attention	Descriptive Analysis	Students performance were high through PowerPoint presentation
(Stepp-Greany, 2002)	general use of technology	increased motivation, improvement in self-concept and mastery of basic skills	Sample random sampling Questionnaire	Technology based studies always help the students improvement .

3. Methodology

Research population

The population of this study is students of ATI Sammanthurai. There are above four hundred students studying at this institution.I randomly selected sixty students from ATI Sammanthurai.HNDE,HNDIT,HNDA students participated to this study.

Data collecting techniques

Questionnaire: In the research one of the ordinal measures called "Uni Dimensional five-point rating scale"is used to require respondent to order their answers. In the research one of the ordinal measures called "Likert's five-point rating scale" is used to measure the variable and this scale consist of five boxes ranging from strongly Agree to strongly Disagree. In addition, the questionnaire was administrated among the respondents to mark (√)their opinions regarding the statement in the questionnaire.

The questionnaire was taken from (Oommen, 2012). The numerical values were given the purpose of quantification of qualitative variables as follows. Strongly Agree**,** Agree**,** Undecided**,** Disagree **and** Strongly Disagree.

Conceptual framework

| PowerPoint Presentation | → | Students' Performance |
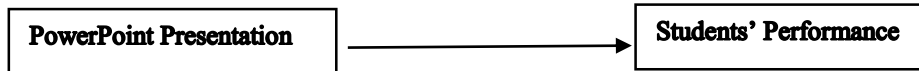
Hypothesis

$H1_A$ There is a significant relationship between PowerPoint presentation and students' performance.

05. Data Analysis

As stated before, the data collection includes a questionnaire for students who are students of ATI Sammanthurai. The questionnaire consists of closed questions in order to obtain the appropriate information to support the research. The questionnaire will take place at ATI Sammanthurai, and the research process will not disturb the teachers' activity.

Data presentation method

Sample survey was conducted by providing questionnaires to collect the data related to present study. In order to get clear idea and information the data should be presented in a systematic manner. Charts, tables are used to present the data.
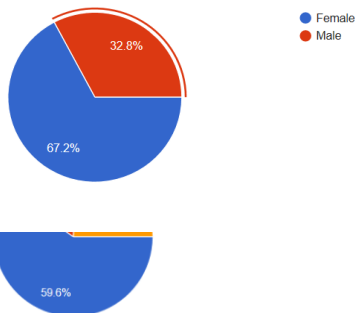
Demographic Factors

Gender

Figure 1 Gender Distribution

The total number of sample included 67.2%of the female students and 32.8% of male students who participated to this research.

Course of the study

Figure 2 Distribution of course study

Distribution of course of the study of the sample survey showed that, highest proportion was recorded in the HNDE,it shows that59.6%respectively.While the HNDIT shows that 24.6%.The lowest proportion was recorded in the course study of HNDA,it shows that 15.8%respectively.

Results of the questionnaire

Statements of Questionnaire

Q1: The lesson with power -point was interesting.
Q2: It was easy to follow and understand.
Q3: It held my attention throughout the class.
Q4: It helped me to learn more language elements.
Q5: It required extensive note -taking.
Q6: It helped to use class time efficiently.
Q7: I prefer lessons without power-point presentations.
Q8: I could take better notes during the lesson.
Q9: It helped to review key points during the lesson.
Q10: I prefer lessons with power-point.

Results of Statistics

Table 2 Statistics of questionnaire

	Q1	Q3	Q2	Q4	Q5	Q6	Q7	Q8	Q9	Q10
N Valid	60	60	60	60	60	60	60	60	60	60
Missing	0	0	0	0	0	0	0	0	0	0
Mean	4.63	4.62	4.52	4.42	1.73	4.47	1.73	4.30	4.40	4.55
Std. Error of Mean	.071	.063	.087	.090	.078	.087	.071	.096	.096	.090
Median	5.00	5.00	5.00	5.00	2.00	5.00	2.00	4.00	4.50	5.00

Mode	5	5	5	5	2	5	2	5	5	5
Std. Deviation	.551	.490	.676	.696	.607	.676	.548	.743	.741	.699
Variance	.304	.240	.457	.484	.368	.456	.301	.553	.549	.489
Skewness	-1.184	-.492	-1.083	-.784	.198	-.898	-.072	-.809	-1.841	-1.261
Std. Error of Skewness	.309	.309	.309	.309	.309	.309	.309	.309	.309	.309
Kurtosis	.467	-1.819	-.021	-.558	-.515	-.326	-.374	.201	6.156	.234
Std. Error of Kurtosis	.608	.608	.608	.608	.608	.608	.608	.608	.608	.608
Range	2	1	2	2	2	2	2	3	4	2
Minimum	3	4	3	3	1	3	1	2	1	3
Maximum	5	5	5	5	3	5	3	5	5	5
Sum	278	277	271	265	104	268	104	258	264	273

05.Conclusion

The study results show that technology plays a big role in language classes; it can be used as a tool to facilitate teaching and learning. As one of the most important goals of using new ways of teaching language in the class rooms is to promote students' performance towards learning, we can see in this study that using PowerPoint presentations operates as a powerful pedagogical tool in classes. This study supports the effect of superiority of technology-based lessons as compared to traditional lessons. Teachers should consider their students' needs and interests, and the questionnaire results indicate that the majority of the students show their positive perceptions towards using technology in classes. This study is supported by the results of the earlier studies of (Ilter ,2009; Oommen ,2012, and Wang, 2011).

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