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# The Effects of Using Technological Facilities on Students' Motivation to Learn

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### ABSTRACT

The present study investigated the effects of technological facilities on students' motivation. For this purpose, interview was done with 25 students and the results were gathered and scripted down. The results showed that technological facilities have positive effects on students' motivation. In addition, the results have some implications for teachers in order to use some technological facilities in class rooms, for schools to provide some facilities to promote learning and for textbook writers to publish their books with CDs and other facilities.

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**Keywords:** Technological Facilities, Student, Motivation.

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## INTRODUCTION

### 1. INTRODUCTION

Motivation refers to "the reasons underlying" behavior that is characterized by willingness and volition (Guay et al, 2010). Broussard and Garrison (2004) broadly define motivation "as the attribute that moves us to or not to do something". Motivation is divided in two lobes (intrinsic and extrinsic motivation). Intrinsic motivation is animated by personal enjoyment, interest or pleasure (Guay et al, 2010). Extrinsic motivation is governed by reinforcement contingencies (Guay et al 2010).

Motivation within individual tends to vary across subject areas and this domain specificity increases with age (Guay et al 2010). One of the most prominent types of motivation is educational motivation and the factors that influence students' motivation include family, teachers' characteristics and physical environment of the class and some other things. It seems that one of the most considerable factors that affects students' motivation is technological facilities.

Fundamentally, technology is a body of knowledge devoted to creating tools, process actions and extracting of materials (Ramey, K, 2013) including computers, videos, projectors and speakers. Educational technology is the type of technology which aims at improving performance by creating and managing various technological process and resource (Ramey, K, 2013).

The current study wants to investigate the effects of using technological facilities in class rooms by teachers on learners' motivation in public schools versus language institutes.

Clearly, schools and private English institutes have numerous types of differences such as: teachers, educational environment and textbooks, also technological facilities are one of them which are available in private institutes.

In contrast to schools which does not possess that much facility, technological facilities are available in institutes. According to what was mentioned above a research question is here that this research is going to answer.

### 2. RESEARCH QUESTION

What are the effects of technological facilities on students' motivation to learn foreign languages?

### **3. METHOD**

#### ***Participants***

The participants of this study were 25 female students studying at Amane School, Tehran (Baharestan) in grade ten. They were also taking classes in Novin Kaj private English institute. Interview question distributed to some of them, others expressed their attitudes toward the subject face to face or by social media.

#### ***Instruments***

The instruments used in this study were interview questions and social media which students were supposed to talk or write about it about 10-15 minutes. A paper was used to take note while interviewing.

#### ***Procedure***

This study began with an interview question, the researcher interviewed 25 students studying in Amane school(grade ten)and Novin Kaj private English institute. Six of them expressed their ideas face to face,fifteen of them by writing their answers to interview questions on paper,four of them send their ideas by social media. The interviews lasted between 15 to 20 minutes.

### **4. RESULTS**

Twenty five students studying in Novin Kaj private English institute were interviewed in order to investigate the students' attitude toward effects of using technological facilities on their motivation. The description of their opinions are presented below. The researcher took notes and summarized the gathered data.

The students had both positive and negative perceptions toward the subject, the researcher summarized and categorized all advantages and disadvantages mentioned by participants.

Using technological facilities which are available in institutes increases motivation (included enthusiasm and relish) and self-confidence which it leads to increasing group cooperation in institutes.

As far as it seems students are interested in receiving rapid feedback, but getting this sense of satisfaction is possible nowhere except with technological facilities which provide fast feedback for instance when they are supposed to make something by the use of technological facilities as their homework, their motivation will increase because its mixed with technology such as computer, while transcribing textbooks is not as enjoyable as using technological facilities.

Writing in white boards as one of the technological facilities which are available in institutes, increases motivation of participating in class activities.

As mentioned above, technological facilities have positive and negative effects of student' motivation. Here are some negative points.

As much of the time of students is spent with using technological facilities such as: watching movies and listening to music e t c, they got accustomed to them, so when they accost by some problems, students are not enthusiastic to continue studying with physical books and can't communicate with them as far as they prefer to have them as an app in their cellphones such as dictionaries which are used in cellphones rather than dictionary books.

As it's clear, students spend all their times with technological facilities, so absence of them in schools except for some classes with inadequate technological facilities make classes boring and leads to decreasing students' motivation toward learning.

In addition, it leads to wasting academic time because they are forced to change their classes and go to equipped classes which are not enough at schools, or because of some teachers who are not completely familiar with using technological facilities, those teachers prefer to have just transfer of knowledge in their teaching which it makes the class boring, while technological facilities make the educational environment attractive.

### **5. CONCLUSION**

In contrast to negative points, in general attitudes of students toward using technological facilities were positive. There are some research which support the results of this study and are in line with it. For example, Flanagan (2008) and Granito, Chernobilsky(2012) supporthed the results of the present study. There are also some other studies which has investigated and used these two variables and concluded some other results. Costley (2014) mentioned some negative and positive points about using technology in teaching and students' learning.

The results of this study have some implications for teachers in order to use some technological facilities in their class rooms, schools to provide some facilities to promote learning and writers to publish their books with CDs and other facilities.

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