

# Study of the Attitude towards the Use of Computers by the Students in Academic Work in Higher Education

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## ABSTRACT

The present era is the era of computer technology, and computers play a significant role in our education, as is well known. The pupils can learn more and complete their logical puzzles with great ease and speed with the use of computers. Computer-based education is being stressed in higher secondary education, where it is growing quickly due to the belief that it will benefit students in the increasingly competitive job market. The knowledge and creativity of users are enhanced by a positive attitude toward computer-based education. Whereas a negative attitude toward computers may limit their use for educational purposes, Computer anxiety is another name for a negative attitude toward computers, as we can see in this case. The prevalence of computer anxiety among pupils is a major issue, and it plays a significant part in the situation. At the higher education level, computer-based instruction is being stressed and is growing quickly.

**Keywords-** Computer technology, creativity, Computer anxiety

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## INTRODUCTION

The quality of education, which is the primary component of the educational system, is crucial to the growth of society. Society is changing as a result of computer technology. Computer education has a significant place in our curriculum. Therefore, at this level, computer-based teaching should be prioritized and must have a positive attitude toward computer-based education because computers are vital learning tools that can help students learn more and develop their creativity. On the other hand, though, computer anxiety also has an impact on how people feel about computer-based learning and creativity. Computers are now a part of every human endeavor since they are so essential to modern life. Because of its accuracy, speed, precision, and information storage capacity, it has always been critical to complete the numerous jobs. These characteristics led to the introduction of computers in the sphere of education as well.

Nowadays, practically every colleges in the country has computers and similar technologies. Technology is being incorporated into curricular requirements as part of state reform initiatives, and occasionally students are required to meet a distinct norm for technology proficiency. Education programs and their content have a significant role to play in this regard. It is possible to establish an interactive environment with the computers in schools thanks to the adoption of modern technologies, which is crucial for improving academic achievement.

The situation is changing quickly in the sphere of information technology (IT). To meet the demands of the modern world, technological innovation and progress force us to get familiar with computer application and operation. Students must therefore be taught about the needs of society and how to use computers and other information technology in their daily lives. College students are increasingly using computers to meet their needs, which is related to their attitude, success, and ergonomic awareness.

Computers play an important role in higher education during standing adjustments and changes. Computers have significantly increased teaching and learning flexibility, and they now play a significant role in the global education system. The use of computers in education is growing steadily as it makes it easier for students to get the necessary materials and has become increasingly important for researchers and educators working in higher education to

successfully complete their responsibilities. The goal is to increase the learner's awareness of current events and how they affect learning. In a word, using computers in the classroom paves the way for simple, quick, and practical teaching and learning.

An attitude is a mental and neurological state of preparedness organized by experience and having a directive or dynamic impact upon the individual's behavior toward all objects and situations with which it is associated," wrote Allport in his general definition of attitude in 1935. In other words, attitude influences behavior and is influenced by experience. The term "computer attitude" refers to a person's overall assessment of or sentiment of favor or hostility towards computer technologies and particular computer-related activities (Smith et al., 2000).

### **Need and importance of computer education**

According to Winer & Mothe (1987), students who graduate from higher education, computers at every stage of their careers, thus they must be equipped to handle them. Positive attitudes towards computer technology will be advantageous in an employment market that is becoming more and more competitive due to the breadth and quality of expertise gained in school. Therefore, schools provide instruction in computer skills since it is a fundamental access point and prepares students for the digital learning and working environments of the twenty-first century. Another component of computer education is closely related to access and knowledge in 21st-century ways.

In order to develop appropriate and practical attitudes towards technology and computers in instruction, students should be aware of the place of computer applications in education, strategies for using computers in instruction, issues, and learning, as well as trends in information technology. This is according to Forcier's (1996) reflection on the topic. The most significant conclusion is that the use of computers in education promotes student-centered learning as opposed to teacher-centered learning and bases learning on constructivism in order to foster motivation and communication within instruction with the aid of computers and high-tech materials.

### **Computer Attitude**

The term "computer attitude" refers to a person's overall assessment of or sentiment of favor or hostility towards computer technologies and particular computer-related activities (Smith et al., 2000). Regarding general computer use, computer-assisted instruction, programming and technical concepts, social issues related to computer use, and computer history, students' attitudes towards computers cover these sentiments, beliefs, and perceptions. The role of user attitude and anxiety has been highlighted by contemporary psychology; these two elements influence people's computer literacy. According to a theory proposed by Fishbein and Ajzen in 1975, computer attitude influences user behavior intentions (future goals), which in turn influences actual computer usage (experience). The social environment also influences attitudes. A number of characteristics, including gender, grade, age, personal computers, and college physical facilities, have been recognized by researchers including David (1995), Harrison, Dominic, and Barbara (1999), and many others as having the potential to influence attitudes towards computers. Particularly, a person's attitude towards a computer is influenced by a variety of factors, such as social issues surrounding computer use (Popovich et al., 1987), computer comfort or anxiety (Lloyd & Gressard, 1984), achievements (Bandalos & Benson, 1990), usefulness and value, and computer liking (Lloyd & Gressard, 1984). (Francie & Evans, 1985)

Good attitudes will immediately lead to the learning of computer skills (Divine & Wilson 1997) contend that cultivating positive attitudes among students is more important than merely improving their computer skills

### **Factors Influencing Attitude**

The triple "Es" of attitude that determine our attitude are:

- Environment (the totality of surrounding conditions)
- Experience (the content of direct observation or participation)
- Education (the gradual process of acquiring knowledge)

To change our attitudes and adopt a positive outlook, we must become aware of specific behaviors.

1. Recognize the seriousness and power of the attitude.
2. Be aware of oneself and stay current.
3. Your feelings and thoughts should be put into action after some serious thought.
4. Define your behavior's ultimate goal and take deliberate, passionate action.
5. Always look for ways to keep yourself inspired.
6. Always be on the move.
7. Create relationships that are uplifting, cooperative, and encouraging.

## CONCLUSION

This article give emphasis towards an attitude of the students for computerbased learning. As the era is technology based and our positive attitude forces us to learn technology positively. Attitude influences user behavior intentions (future goals), which in turn influences actual computer usage (experience).The social environment also influences attitudes.Good attitudes will immediately lead to the learning of computer skills contend that cultivating positive attitudes among students is more important than merely improving their computer skills.Therefore, at this level, computer-based teaching should be prioritized and must have a positive attitude toward computer-based education because computers are vital learning tools that can help students learn more and develop their creativity.

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