The Impact of Information Technology on Student Learning

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Abstract— Starting from today's practice in Kosovo and in most other countries in the world, in schools before, during and after the learning process students and teachers are obliged to for their professional preparation to be equipped with technology and use it. This research aims to highlight the impact of information technology on student learning. The integration of technology in the learning process to students and teachers by presenting the advantages and disadvantages of this process. I perform research with the combination of research methods qualitative and quantitative research methods. Realization of research will be done directly with the subjects. As research technicians will use the survey technique through asker sheet or questionnaire as instrument. Through the questionnaire are surveyed high school students lower, including students of class V-IX. The questionnaire included four types of scientific research questions, descriptive, explanatory and evaluation questions. Upon completion of the survey respondents, will be compiled statistical data.

Index Terms— Information Technology; Learning; Student; School.

I. INTRODUCTION

The integration of information technology communication in teaching and learning involves the use of computers in a productive way, surfing the internet and using computers for the purpose of teaching and learning brought a radical turn in the development of culture to the students, making knowledge better for all students.

Application (without use) the right of information technology offers great benefits for students and increased perceptual abilities of their conception during class bringing dynamism to students, allowing progress in relief and independent in their development.

The proper use of information technology promotes and develops the students a variety of skills, such as mathematical skills, communication skills, skills of critical thinking and problem solving, ability to work in teams, ability to use variety informational resources, etc.

On the negative, worrying phenomenon of the use of information technology by students to us they are largely being misused by students staying for hours at the computer and using Facebook and various games. To these children lack concrete guidelines to steer straight for his use.

Besides family, which plays a major role in controlling the children while using the computer, playing a very important role the teachers which with their instructions can stimulate students to use for educational needs.

Psychologists Basow and Abram, showed that children who play more games tend greater than those play less, to

exaggerate the amount of violence in the world that surrounds them. In addition, it found that those children who play more games, tended more than those who played less, to accept the fear "that a bad person can be inserted in home", or " when someone came out could damage".

Those who see a lot of movies and other programs that appear criminal violence see their city as a dangerous place. They think that the city where they live in is a dangerous place [1].

II. IMPACT OF TEACHERS IN THE USE OF INFORMATION TECHNOLOGY

The world is characterized by numerous changes and fast, a part of which has come from the rapid development of information and communication technology. Education should be adapted to ongoing changes in technology, and use them extensively in the learning process. These changes education must respond, rapidly, with domestic developments quantity and quality to transmit knowledge and skills systematic, coherent and stable to students by following these reflected in the creation of a society for the future positive for everyone. In the era of development of information and communication technology, the use of this technology in the learning process has become a necessity for students. This development is directly related to the updating of knowledge and new skills in the field of teacher education. Technology has the power and the potential to transform the professional environment of the students. Technology creates opportunities for students to learn and collaborate with one another through the exchange of ideas and experiences and joint problem solving.

Studies show that once students become familiar with technology, they quickly develop proficiency in its use. This opens up an exciting new world of learning possibilities for them, and their potential for achievement skyrockets. Students gain new skills and become familiar with new technologies that will help prepare them for future success in an increasingly technological world [2].

III. MATERIALS AND METHODS

This research aims to investigate the influence of the leading information technology in teaching students in lower secondary schools, the research was done through a questionnaire. Through the questionnaire surveyed students of class V-IX surveyed a total of 60 students. For data analysis methods were used quantitative and qualitative research (combining both). At the same time, we have been questionnaire included four types of scientific research

questions: questions discovery questions descriptive, explanatory questions and evaluation questions.

IV. INTERPRETATION OF RESULTS

From the student questionnaire responses, we realized that:

On the first question and the second detection results are:

1. What information technology presents to you?

- a) Innovation = 24 students or 66%
- b) Impedance = 11 students or 30%
- c) Benefit = 15 students or 4%.

2. Do you think information technology is impacting positively or negatively to the students?

- a) Positively = 35 students or 70%
- b) Negatively = 15 students or 30%.

Fig. 1. Impact of information technology on positive or negative.

On the question of the third and fourth descriptive results are:

3. How you use the Internet during the day?

- a) No = 4 students.
- b) Four hours = 43 students.
- c) Twelve hours = 3 students.

Fig. 2. Internet use by students during the day?

4. What are the advantages of using information technology?

- a) Obtaining new information everyday = 23 students.
- b) Communication with people = 20 students
- c) Impact to achieve correct resources = 7 students.

Fig. 3. The advantages of using information technology.

On the question of the fifth and sixth explanatory results are:

5. How parents react when you look at these devices (computer, phone, ipad etc.)

- a) They rebuke = 47 students.
- b) They ignore = 3 students.

Fig. 4. The reaction of parents when children use devices as pc, phone, ipad etc.

Fig. 5. Advantages and disadvantages of the use of the information technology.

In the seventh question the assessment results are:

7. How do you evaluate the introduction of new technology in the learning process?

- a) useful = 16 students
- b) harmful = 11 students.
- c) both of them = 23 students.

Fig. 6. Evaluation of new technology in the learning process.

V. DISCUSSIONS

The purpose of this research is to find ways to help students to use information technology for their benefit, whether for life or learning.

The main issue is according to numerous studies focus on the use of information technology by teachers and students for educational purposes rather than practical use of computers along with his tools and programs.

Independence, work in groups, the necessary basic skills (reading, writing, drawing) and other habits of the high level of knowledge are prerequisites for a successful use of information technology among students.

Students to use their best can also interact with different people, like with friends from different communities and people from around the world.

Students to use the best of them should present their work in the classroom to assess teacher how much research has been and hear the other comrades of the class, to appreciate his work that they be creative for works such new knowledge in making use of information technology and better them.

Key issues according to multiple studies is to focus on the use of ICT by teachers and students for educational purposes rather than practical use of computers along with his tools and programs" [2]. Teachers need (80%) non-technical skills and (20%) technical skills, while, students first, must to elaborate the information they receive, and then tie it with experiences that they recognize from their own lives, then link technique to real life and nature [3].

Students can also interact with different people, as with classmates, teachers, students of other classes, students from different communities and people from around the world. Since students are placed in groups, they are required to be active in the hour, this requires cooperation, but to achieve this interaction study to be as my easy, asked the teacher to ensure that interaction to be effective [4].

VI. CONCLUSION

The purpose of this research is to know how students use information technology to good and bad in life.

Teachers and parents keep the main role in allowing the use of the right of children to information technology. Parents often scold their children regarding the position of the computer during the often unduly considered.

The research has largely met with the objectives, here is seen that students use information technology greatly. By results of research it was found that over 80% of students use the Internet and the use of information technology has many advantages, especially in obtaining new information and facilitates communication with people. Instead, weaknesses considered poor concentration in class and that significant loss of time.

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