



COLLABORATION OF TEACHERS AND STUDENTS IN REAL TIME USING TECHNOLOGY

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Abstract

Now-a-days, technology has become an important instrument in the methods of both teaching and learning. It has got many uses in education which in turn has created more educational opportunities for everyone. Both teachers and students have benefited using various educational technologies since it creates interest to use technology. Technology enhanced learning is used as a communication tool also for schools, colleges, administrations, etc. Students and teachers can collaborate in real time using advanced educational technologies like Chegg, Quora, etc. In fact, the usage of technology (i.e. internet) ensures that teachers and students can get much more information about the subject topics than they ever think. By using the apps, it is possible to study in online without depending on books which in turn can save lot of money, and of course trees also. Various available applications for online teaching and learning are: BYJU'S, UDEMMY, UDICTIONARY, QUIZ APPS, ONLINE DICTIONARIES, JAVA T POINT, W3SCHOOLS, etc. In the end, the technology can made this world a "global village". Technology also gives both fun and knowledge to the kids. Teachers can publish their ideas on classroom blogs or they assign class work via email, and this gives a student time to study on their own without fear. Teachers use educational puzzles and video games to teach students how to solve different academic challenges, and all this processes make students learn easily. The use of computers in the classroom has helped many students in learning how to write sentences and paragraphs. Computers help student's to auto-correct spelling errors and also correct their grammar in a sentence while taking notes.

Keywords: Technology; Administration; Knowledge; Dictionaries;

1. Introduction

Education has become such an important thing in well-being of life of human beings. Today, a well platform has been set for almost all kinds of people to become well educated. Education refers to teaching and learning processes in various ways. In olden days, places like Gurukuls (residential schools) were prominent to have education. People used to go to those places and learn the facts there itself. Some people learn a kind of education, like yoga, by going to the places like forests, Himalayas, etc.

Generally, education involve activities that impart knowledge or skills. In fact, the major goal of education is to earn knowledge and become skillful. Now-a-days, everyone is wanting education because of the increased resources that are providing technical knowledge and skills. But it is also important to keep in mind that the goal of education should result in the benefit of society.

Now education has become such a large unit where everyone is getting confused to choose the right small unit. A block diagram showing that education unit consists of some major and small sub units are given in figure 1.

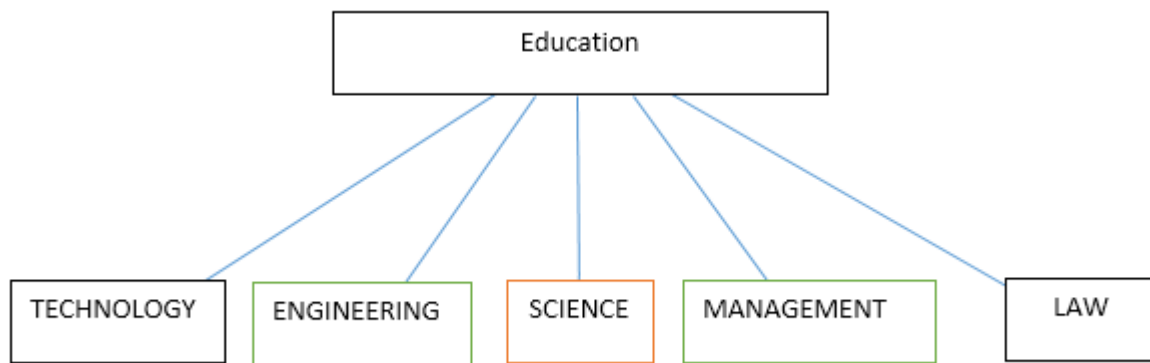


Figure 1: Education system consisting of major branches

And all the above branches are again consist of thousands of courses. So it is not that easy to choose the right path, and to learn number of courses without using the technology. This is where technology has got very much profoundness in the field of education. Since the education involve a continuous teaching and learning processes, need of taking the help of technology has arisen. In this paper, a detailed description is presented on the involvement of technologies in methods of teaching and learning.

2. Discussion

2.1 Collaboration of Teachers and Students in Real Time using Technology

It is very well known fact that students cannot be in touch with the teachers whenever they are out of the school. If a student want to study anywhere he want, and would like to clear his doubt then it is very much necessary to use some communication tool through which both teacher and student can collaborate in real time. Today, the most popular tools that are connecting any teacher with any student are given in figure 2. Hence, we conclude that these tools have enhanced the processes of both teaching and learning.

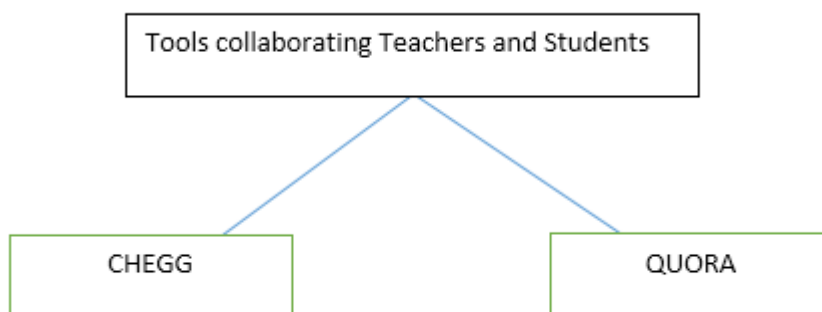


Figure 2: Educational tools that are collaborating both teachers and students in real time

2.2 Applications Providing Online Education through Technology

Smartphone is a powerful tool today. We can get information about anything we want in just a fraction of seconds. Usage of smartphone has given an opportunity to develop some kind applications through which the online and offline education can be provided. Today we can find thousands of applications that are genuine and some might be fake also. There are some high quality applications that are being highly appreciated and received much attention. They

are given in figure 3. Hence it is also concluded that technology has optimized the form of education through online education mode.

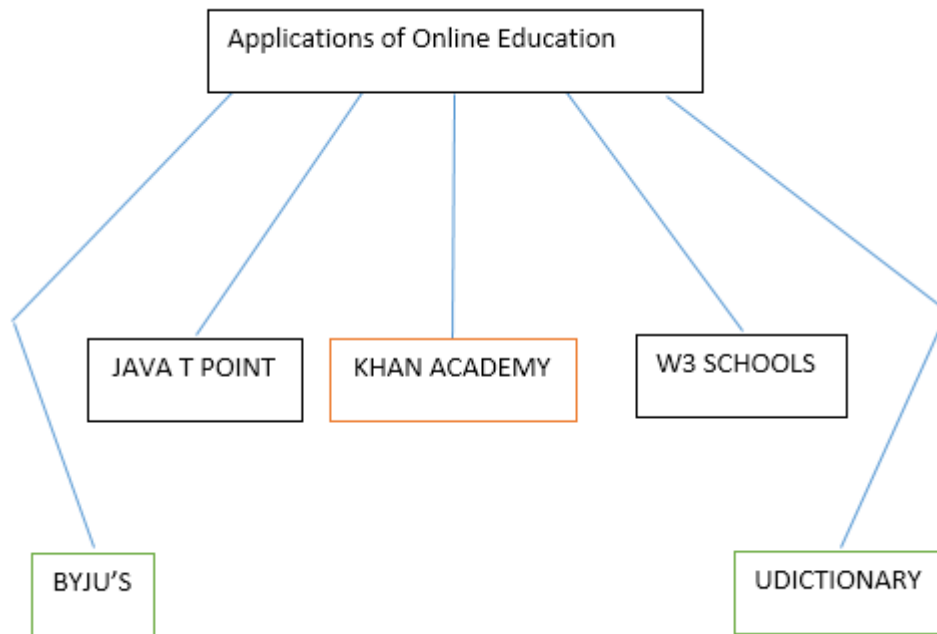


Figure 3: Online Applications Providing Online Education

2.3 Role of Computers and Internet in Education

Computers are playing crucial role in the part of human life. They have become part of the life of humans actually. Teachers can teach the students using video games and educational puzzles for solving academic challenges and this makes the process of learning easy for the students. Computers also help the students to cross check their power of vocabulary, ability of writing, and grammar skills because a computer always check these things without any error. In fact, internet is considered as the powerful medium of technology. Through internet, teachers and students can collaborate, online education is facilitated, and many more things.

3. Conclusions

The following are the conclusions made from this work:

1. Technology makes teachers and students to collaborate at anytime and anywhere.
2. Technology provide online education for faster access of knowledge through internet.
3. Technology enhances the skills of humans through computers.

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