E-LEARNING AT HOME VS TRADITIONAL LEARNING AMONG HIGHER EDUCATION STUDENTS: A SURVEY BASED ANALYSIS

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ABSTRACT

Higher education system has been advancing with the era and the technological advancements. The significant variation of technological advancements enriched e-learning from conventional learning system makes undergraduates gradually turn their interests away from the traditional learning to e-learning. Learning is the active process of obtaining knowledge or abilities through studies, experience or being educated. With the expansion in innovation, e-learning has been coupled with course modules due to its vital support to the learners / end users at any time. The e-learning has become more popular with the increasing number of smart devices apart from desktops and laptops along with rise of internet providers. This paper discusses the necessity of the e-learning system to the undergraduates in contrast with conventional education system. This paper demonstrates different properties of e-learning systems and benefits, and how it can be achieved through e-Learning. One of the conclusions is being drawn from this study is to combine traditional and e-learning to develop blended learning concept which is very useful to undergraduates. This comparison target to addresses the correlation between Traditional learning and e-Learning through a methodological approach.

Keywords: e-learning, traditional learning, blended learning, higher education, undergraduates

INTRODCTION

E-learning and traditional face to face learning are most important learning process and being practiced by students who are reading their first degree at higher education institutes both state and private round the globe. Many of the universities and colleges have been changed their learning and teaching processes via online worldwide (Parsad & Lewis, 2009) plus more than 3 million higher education students started to learn using online by 2012 (Eduventurses, 2011) and now it is reaching the level. In somewhere online e-learning students were best compare with traditional learning(Shachar, 2010). Even though most college and universities changing their education in online, still most people are learning using face to face traditional method. Lot of researchers applied this kind of technologies into learning process and still there are variety of debates going on among professional about why this kind of technologies really important among learning activities(Scoltock, 2015)(Cohen, 1998).

The objective of this study explores and find the preeminent approach to learn via distinguishing the traditional face to face learning and e-learning. Most of the educational institutes are following the both approach to learn. As

we are the academics, we let the students to use both techniques for their learning activities. Therefore, we needed to find the finest approaches are to be applied in learning activities for the future learning practice of students.

LITRATURE REVIEW

E-LEARNING

E-Learning process allow a student to do numerous education related stuffs such as it supports the education development, organization the education in virtual environment and also it provides the quality of education process. So we account that e learning process support directly to the education purpose in higher education students in different ways(Burnett, 2011).

E. Blinnel said that virtualized e-learn process provides variety of opportunities and advanced technologies to its user like medicine facility, Education and so on. So it is clear that distance learning procedure highly support for the education related actions for higher education students and others(Blümel & Haase, 2010).

And also on an account of Berns A., et al we address that gaming behavior of virtual environment massively affect the motivation and the education process of students so that a student's thoughts divert from study and they tend to travel other way than study (Berns, Gonzalez-Pardo, & Camacho, 2013).

As indicated by the Fabrizio Consorti, et al, we recognize that virtual environment of e-learning process provides the medical students to working with virtual patients, in this case students could pick up the knowledge and capacity like working with real environment. So it is remarkable utilization of e-learning process(Consorti, Mancuso, Nocioni, & Piccolo, 2012).

The virtual e-learning education provides students to opportunity that students could work within the home without going anywhere and without stress so the students are able to save their times and unnecessary traveling charges. From that he/she can use the saved time to other education endeavors and they could build up their knowledge as well as abilities in other particular subjects as well(Nurassyl Kerimbayev, 2016).

E-learning activity of universities currently building the course according to the virtual reality and also it consider the resource from all over the world thereby a student able to learn most of the things from expertise and apply that knowledge and ability to current world like traditional education(Nurassyl Kerimbayev, 2016).

Kerimbayev and Akramova said that virtual learning improves the teaching and learning activities of student and teachers. Thus an effectiveness of understanding and effectiveness of teaching method will be peak level compare with other methods(N. Kerimbayev & Akramova, 2013).

The virtual learning environment of the higher education consists of significant apparatus as informative, integrative, communication, coordinating, developing and professional orienting so this could address all problems facing in higher education in current situation as well as the advancement of the higher education by technological usage. This kind of virtual learning process done by telecommunication, multimedia and mobile networks and so on. Hence key point is that to work with e learning activities we must require some apparatus like computer, phone and etc. and also need some parts of connection of that particular equipment. Without this working with or learning via virtual environment is question mark for every higher education students(Nurassyl Kerimbayev, 2016).

Using this kind of virtual environment provide different infrastructure and libraries for students. Attending a classroom is not necessary for any higher education students, they can login the particular learning management system and they can study as they are in the classroom via video material. This kind of facilities and opportunities are not always possible in traditional process. (Nurassyl Kerimbayev, 2016).

Also, e learning process gives massive advantage that getting double degree concept in parallel way. A student able to follow another degree program while he/she following traditional course. This is one of the significant advantages of e learning process which lead the knowledge in multi-level areas to higher education student(Nurassyl Kerimbayev, 2016). In additionally this e learning process vastly support to the illness students who are unable to attend the classroom activities. A student can be used this kind of feature and there is a possible way to become expertise in particular course although they have problems thus this method supports to unwilling students who are interested in learning activities. This is one of the very bright and good opportunities from e learning to all kind of higher education students.

The student and the teachers from higher education also gaining the technology related stuffs like operating computer and related equipment plus gaining the knowledge of working in the digital environment as well as gaining the knowledge about computer networking things like WI-FI, cable and other technologies as well from e learning techniques. Kerimbayev et al said that it is it is required to study from proper material like quality audio, video and picture which require high quality camera, connection and also Wi-Fi quality. So, there is a limitation that even when e learning process provide variety of features in education activities, it needs some objects to work with. Without that material e learning process become question mark and also the less quality of those material leads to distraction of education site (Nurassyl Kerimbayev, Akramova, & Suleimenova, 2016).

According to the Nurassyl Kerimbayev study we could finalize that virtual learning of e teaching process supports higher education students to develop their professionals. Higher education students can be learned in virtual environment without any fear (Nurassyl Kerimbayev, 2016).

It is clear truth that e learning is successful everywhere throughout the world from extensive stretch. It obviously tell us that e learning is the one of the most

acceptable teaching and learning method amid higher education students and teachers as well as it given more to the student as ease of usage and student understand more from expertise when compared with other method(Tsai, 2015),(Wongso, Rosmansyah, & Bandung, 2015),(Alanazi & Abbod, 2014).

The result of Olga V et al, from their finding we identified that 5% of Mongolians, 10% of china students and 17% of Vietnam students only support the fully e-learning process. This is very less support when compared with other methods and most time everyone support for Learning with web based support(Yanuschik, Pakhomova, & Batbold, 2015).

In contemporary e-learning is everywhere such as universities, schools, training centers and so on, this implies the availability of e-learning and acceptability amid students and teachers as well as other professionals. Main goal of this e-learning process used to train teachers and other professionals for improving knowledge of particular course and specific subject areas(Truskolaska, Łuka, Toruj, Wrona, & Smagowska, 2015).

Dżega said that from using this e learning only can improve the theory knowledge apart from practical knowledge. And also, he said that articles, tests, quizzes audio recordings, videos, puzzles, games, crosswords, discussions on forums, chat rooms or popular presentations or blogs are some ways of feeding theory related stuffs to the higher education students, teachers and other professional, apart from this there is nothing much ways available. It obviously tells that getting practical knowledge need real time environment like face to face traditional education(Szko, Wed, Internet, & Poland, 2010).

E-learning activities have many advantages and disadvantages. From Truskolaska we can define variety of advantages, such as e-learning save the money and unnecessary travelling plus unnecessary learning material costs, a student could be learn his or her desire time no need any particular fixed time, very distinct advantage is re-use of learning process and material at any time any instance when student get doubt. This kind of feature cannot be achieved from traditional learning, there is no need of repeating same concept for others and particular student need the repeatability he/ she could repeat by themselves from particular learning management systems and so on.
Oziewicz, M said that whenever a higher education student works with e-learning process that student must follow the all instruction of particular lecturer or teacher who is in charge of particular system or the course which lead students to get narrow knowledge of internet related stuffs(Oziewicz, 2013). This is the most considerable disadvantage of student even when that student gets opportunity to work with internet related technologies.

Szawłowska said that this e-learning environment provide higher education students to new social contacts, new chat rooms, reduce shy to talk and so on(山口 & 口田, 2013).

Justyna Truskolaska said that Learning is not only end with finding knowledge but also it must satisfy the social skills like communication skills, personality of a student in any environments and so on. This distance learning activities mismatch the social skills plus it divert a higher education student into different root most of the time. Also he said that particular students do not interact with group activities which tend different problems(Truskolaska et al., 2015). Also, his finding we got to know that opinion from higher Education students. 50% of students said that it gives the opportunity study with desire time, 30% said low cost to study and 40% said it is easy to study from home also 55% said that it is not support to direct contact. So, we could find the possibilities and drawback from these findings.

If a student uses a social networking tools for the e-learning process there the student faces some security issues like privacy problems and also confidentiality issues. Nowadays almost all social networking tools have this security issues except a few. Most of e-learning process students learning using this kind of social networking tools so a there is huge possibilities to losing their important identity. And also most of the social networking tool leads the students to mental health issues in different ways by divert their attraction from learning motivation things into others (Dwyer, Hiltz, & Passerini, 2007)(Lee & McDaniel, 2013).

TRADDITIONAL LEARNING

The majority of the territories around the globe the vast majority of the undergraduates and educators are believing that traditional up close and personal instructing techniques are productive for enhance social abilities like correspondence, identity. The motivation behind social abilities drives an undergraduates and expert to tell the best way to endure the specific circumstance.

In the case of traditional education, a student of higher education and others can gain interactivity, motivation, accessible, organizing and so on. Interactivity lead the direct communication in between teacher and students from that a higher education as a result student are able to grow their group work activity and direct clearing doubts of particular subject in timely manner, which features something apart from e-learning. When consider the motivation e-learning only deal with providing knowledge but in the case of traditional learning a real time teacher can motive students to deal with specific problems which address the social skills problem who facing in e-learning activities. In the case of less knowledgeable students e-learning process does not provide support for helping activities to them nevertheless in classroom activities he/she can get help from teachers and the other students they could move on. When consider the organizing characteristic, it give a fixed schedule for learning particular subject so a student cannot be learnt that subject from any desire time and his/her mind will be relax up to that fixed schedule(Green, Pereira, Pilling, & Robertson, 1990).

In a traditional classroom, undergraduates can straightforwardly share their perspectives and clear up their own inquiries with the educator, in this way getting their inquiries addressed immediately.

To a higher education students and other students to pass an exam most of the time books and classroom activities as well as explanation of teachers are very useful when compare with just online notes and suggestions.

Classroom learning enables undergraduates and instructors to know each other in a superior way. This enables educators to know the undergraduates and assess their qualities and shortcomings better, go about as coaches, and guide undergraduates in their profession conceivable outcomes.

The obvious truth is in the case of traditional learning process there is no security issues like in the e-learning process and there is no way of thinking the privacy and confidentiality issues because of the face to face interaction. This is the wonderful advantage of current world.

The negative impact of traditional education considered as costly, student relay on teachers, Negative group, as well as time and so on. In the case of tradition learning students' whole actions depends on teacher's instruction thus students cannot approach themselves to account a real-world problem and they will be relay on someone else all time and also if there is any involvement of negative group in classroom destroys the student's future.

METHODOLOGY

For this study, we have analyzed around 100 research papers which was expressed our objectives and study context. Through this analysis, we found several characteristics which are expressing the practice of both learning techniques mentioned in the table

COMPARISION AND DISCUSSION

Table 1: Comparison of characteristics of learning practice

Characteristics	Traditional Learning	E-Learning
Cost issues	SA	SD
Support to higher education	SA	SA
Convenient	D	SA
Privacy problems	SD	SA
Confidentiality issues	SD	SA
Availability	A	A
Supporting unwilling students	D	A
Provide additional knowledge	D	A
Effectiveness teaching method	A	A
Support in practical knowledge	SA	SD
Enhancement of social abilities	SA	SD
Requirement of equipment	A	SA
Health issues	SD	A
Motivation	SA	SD

Here we are going to use 14 typical characteristics for comparing e-learning and Traditional learning process.

When compare the costs of learning process we obliviously know that Traditional learning must spend time and cost like travelling and course fees meanwhile E-Learning process allow user to work with virtual environment so higher education students can learn their free time and they don't want to spend unnecessary fees for following courses.

In the case of support higher education both learning process support highly. When identify this character to traditional learning it provides motivation, practical knowledge and other support. And also, e-learning provide every course from expertise, double degree program, in addition to support unwilling students like Traditional learning.

The convenient character only students get from e-learning. The reason for this issue is, from traditional learning we obviously know that need a particular place to together, a fixed time to learn, does not support double degree meanwhile as well as student cannot use the material to understand the particular subject area.
When compare the privacy problem, in traditional learning process there is very few privacy issues and in the case of e-learning via social networking tools and other stuffs always violate the privacy everywhere and student's identity spread everywhere. And also learning in electronic device always has confidentiality issues when compare with traditional.

When compare with supporting unwilling students, e-learning activities provide its huge support for them. In case of traditional learning particular students must reach the place for gain knowledge of specific subject nevertheless in e-learning provide virtual environment facility to overcome these issues thus the higher education student learns that course from home.

In the instance of provide additional k knowledge, we obliviously could say that, that's done by e-learning rather than traditional, it is happening because of some advanced technical features of e-learning such as it allow a higher education student to follow other courses in virtual environment while follow one course in any instance without any barrier as well as it allow to learn particular subject area from expertise. These kinds of features of e-learning leads to students to gain additional knowledge rather compare with other methods.

While we consider the effective teaching method, both learning process consider as effective because in case of traditional student can interact with teacher thus the method become effective and students get clear knowledge from that interaction meanwhile e-learning does not have that interaction even though students are able to study the material like video, audio and etc., hence even this effective.

When compare the practical knowledge only tradition support to enhance practical idea rather compare with e-learning. There is no effective and efficient practical knowledge gaining from e-learning even when they could check the practical in virtual real time videos, this is because of miss interaction and only few students catch this up.

Social abilities develop only work in group activities and interactivities hence students only achieve the social skills from traditional learning when compare with e-learning.

It is important and notable point is that working in e-learning must need equipment like a smart device to access, network connection, quality of connection and so on whilst traditional learning process does not offer this equipment to follow their course from higher education students. And here traditional process better compares with cost of network connection, maintenance and other stuffs.

In case of health issues working with electronic medias in long periods cause some health issues like eye problems, headache and so on but in case of traditional there is no stress or any problems.

Motivation also only come from monitoring, interaction and communication so it is obvious truth that e-learning miss motivate higher education students by missing monitoring activities of them while traditional learning provides so much motivation from teachers.

CONCLUSION

From this analysis we are able to conclude several things, in this study we got to know that both Learning technique have it is own advantage and own disadvantages. Some characteristics are very good advantage for one learning method and some are not. From this study we are able to conclude that it is better to combine these two methods like mixing learning method and using that in necessary place as well as time will provide higher affective among higher education and it will overcome of all drawbacks from both methods, eventually give highly effective learning process for higher education students to become a better people in society, application and knowledge areas.

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