

3.3.2 Number of books and chapters in edited volumes/books published in national/ international conference proceedings per teacher during last five year

Sl.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Calendar Year of publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Anup Maurya	Brain Q an E-Learning Application	Brain Q an E-Learning Application	International Conference on innovation and advanced Technologies in engineering (ICIATE 19)	International Conference on innovation and advanced Technologies in engineering (ICIATE 19)	International	28-29 MARCH 2019	2250-3021; 2278-8719	(Viswatma om gurudev college of engineering) VOGCE	IOSR Journal of engineering



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Brainq An E-Learning Applications

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Abstract: Most universities in India face many educational problems and obstacles that technology can help to overcome. In an IT and software industry, new and improved technologies are always on the rise. And when talking about education there has always been a speculation of how can we use the format of applications to benefit the educational field. Also using these for commercial purpose has always been upfront. We have to keep ourselves updated with the ongoing demand, in order to develop an effective product for commercial use. We have a more crucial role to play to ensure an application's efficient working, as almost all of the books and exam, today, is online. This paper shows that the use of interactive features of e-learning increases the motivation of the undergraduate students for the learning process.

I. Introduction

Web-based learning is used nowadays as another option to face to face education. As a matter of fact, its use increases in a direct proportion with the increase of the number of students. This has made educators exert a lot of effort to help the learners to get interactive content that is full of multimedia as it has been proven that it has a significant effect on the process of learning. The impact of blogs and wikis has also been investigated on learners' collaboration and reflection and it was reported that they both have a positive effect.

E-learning has been introduced as a tool in the learning process in the majority of the international universities worldwide. The term "e-learning" is defined by as "any learning that involves using internet or intranet." A year later made the definition more generalized by indicating that it is "anything delivered, enabled, or mediated by electronic technology for explicit purpose of learning". According to "e" in e-learning should not stand for electronic; it should be an abbreviation for "evolving, enhanced, everywhere, every time and everybody." In fact, the quotation of shows most of the advantages of e-learning for learners and instructors.

Although the e-learning term and tools do exist for over a decade, the educational research field has not given enough attention to the study of student motivation under the effect of e-learning. E-learning has grown in significance as an educational tool just like technology has developed and progressed over the years. Interestingly, there have been more efforts at advancing technology than on attempting to understand the needs and learning styles of individual learners and instructional design. The 21st century has seen rapid progress with such things as the Internet and online learning.

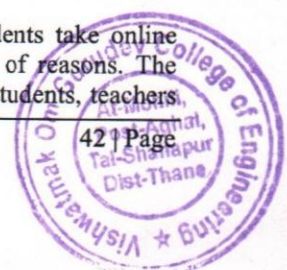
The increased use of e-learning among educational institutions has led to a change in higher education. According to findings, there has been a rise of about 12-14 percent annually in enrolment for online learning over a five year period: 2004-2009 after secondary education . One of the main reasons for this is it gives students' greater access to education in comparison to traditional methods of teaching as students can undertake their study from anywhere and at any time as well as being given the option to study part-time or full-time. E-learning has transformed the educational sector by enabling students to share information and data in a relatively easy way.

II. Motivation

Recent studies indicate that university students who have been enrolled on e-learning courses outperform those being taught on traditional courses. An example of this can be found at Carnegie Mellon University (CMU) in America where student exam results have shown improvement as a result of e-learning techniques . It is therefore imperative that an education system is created which is capable of rapid adaption to its technological, social, cultural and political environment.

Incorporating technology in the learning process does not necessarily guarantee motivated students. In fact, online instruction has resulted in the student teacher relationship becoming less personal. Teachers are required to turn the classroom into an online environment. The question is what exactly is required of teachers to motivate students in an online environment?

It is essential for teachers to understand their students' motivations. Although students take online courses with the intention of successfully completing them, they tend to fail for a number of reasons. The success or failure of online instruction is perhaps related to student motivation. To stimulate students, teachers



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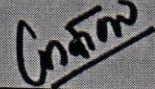
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