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## Computer Aided Language Teaching

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### ABSTRACT

Teaching and learning are no longer limited within traditional classrooms, while computer aided language teaching (CALT) or E-learning has become one of the powerful supporting tools in the educational field. CALT has widened the traditional context of learning in colleges and universities. It is a rapid growing technology and aims to provide a platform that integrates learning material, tools, and services into a key in order to create and deliver training or education quickly, effectively, and economically. Now-a-days thousands of online courses are being offered. Not only can instructional material be made available on the web but online collaborative learning and discussions can also take place. The powerful tool used in CALT is videos sharing, forums, blogs, conference (many user integrated lively through the internet). It can provide information in an attractive and reliable manner. However, the instructional video used in traditional trainings was primarily either broadcasted through TV programs or stored on CD-ROMs. These traditional training instructions produced inconsistent results. Innovations in multimedia and communication technologies have resulted in powerful learning systems with instructional video streaming in live. The advent of non-linear, interactive digital video technology allows students to interact with the instructor. This may enhance learner involvement, and so gradually improves their learning effectiveness. A key aspect of interactive video is random access to video content that is users can select or play a segment with minimal search time. In this research, we are focusing on computer aided language teaching to enhance the educational field to the next level, since their importance in the current decade is highly prioritized to the human growth and the societal growth.

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## INTRODUCTION

### Emerging Trend On Calt:

The recent rapid development of the web as a communication medium has also led to significant innovations in delivery of education and training. From both pedagogical and technological perspectives, educational processes have undergone many changes. Technological upgrade, particularly computer aided language teaching assisted learning or e-learning technologies resulted in the new curriculum design and teaching strategy. Computer aided language teaching or e-learning has become a new research area in which the internet and learning converge on all levels, whether in school, college, or universities. The rapid growth of e-learning is based on the astonishing growth of the internet and the emergence of advent in technologies Lou Siragusa. Currently affordable solutions exist for both computers and the internet; it takes a good e-learning tool for learning to be facilitated from anywhere. Due to the technological upgrade the geographical gap is bridged with the utilization of tools that make you feel as if you are inside the classroom. E-learning provides the means to share learning resources in all kinds of formats such as audios, videos, slides, word and PDFs. Conducting webinars and communicating with tutors via chat and message forums is also an option available to learners Weaver, D. Young, A.

### State Of E-Learning:

With the advent of computer aided language teaching and the internet, e-learning tools and the delivery methods expanded. In 1980's the first MAC enabled the learners to have computer aided language teaching in the home, making it easier for them to learn and develop skills. In the following decade, VLE has begun to flourish, gaining access to online information and e-learning opportunities. Technological progressions additionally helped educational institutions lessen the expenses of separation learning, a sparing that might likewise be passed on to the students - helping carry education to a more extensive audience Lou Siragusa, Y

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young A. In e-learning to prepare them representative's people were allowed access to projects that offered them the capability to win online degrees and enhance their lives through stretched knowledge was still under consideration and those practices are yet to have its upliftment.

#### ***Technology As A Better Means Of Providing Education:***

One recurrent theme throughout the educational institutions is the assumption that advent of technologies offers a means of supporting better forms of teaching and learning than usually found in the traditional educational society Weaver, D.. Some researchers have reckoned technology to be capable of superseding the educational opportunities that are provided by the formal educational institutions Uys, P. Lou Siragusa. The zeal for technology supporting a set of new alternatives in the educational field reflects a number of opinions about what the education should be. It can be seen throughout the technology-driven education. Many people are influenced by the capacity of the technologies to make education more flexible and more appealing for individual learners Uys, P. More often, technology-driven education provides a powerful means of supporting education based on learner need and taking control of managing and accessing knowledge for themselves.

#### ***Delinquent Proclamation Of Computer Aided Language Teaching:***

With the rapid development of technologies, most universities have a tendency towards improved access and quality of higher education system; have stimulated the rapid growth of e-learning as an integrated education system. Despite that e-learning improves the teaching in the educational field, and create a new paradigm for delivering education, most of the previously published work in e-learning showed that little has been carried out to examine empirically e-learning effectiveness within higher-education institutions and little is known about why many learners set-up their e-learning after their initial experience Selvi, K.

#### ***Exploration Of Calt Intents:***

E-Learning represents state-of-the-art in the field of education, providing rapid access to specific knowledge and information. It provides online instructions that can be delivered through a wide range of web-based learning solutions such as online courseware, live virtual classes, video and audio streaming, Web chat and virtual mentoring at anytime and anywhere. To analyze the educational potentialities of computer aided language teaching in the educational field. There are major significant parts of computer-assisted teaching that appear to offer incredible possibilities for instruction whatsoever levels. The main and most significant is concerned with the psychological variable that is regularly guaranteed to speak to the best-known psychological generalization, in particular, the distinct and unmistakable huge presence of distinctive contrasts Folorunso. The reality is that students enter the education sector with surprisingly distinctive capacities to work at diverse rates and with diverse levels of exactness and comprehension Sun, P. C. Saade, R. G., The point when computer aided language teaching supplements the educational module learners has higher or similarly inspirational mentality towards education Sharma, R., E, M. S., To analyze the effectiveness of the instructional model through the contribution to improve the quality of teaching through the use of new technologies. It has been broadly recognized that saddling the force of modern technologies for learning purposes obliges that proper learning techniques be created that harmonize adequacy in learning with the role of technology. Information technology furnishes numerous chances to all the more effortlessly utilize a mixture of instructional methods Young, A., As a device, Information technology can help instructional or facilitative methodologies, cooperation and communication crosswise over time and separation, inquiry or cross examination, open or closed search, lock step or intelligence map. Online technologies, help and make less demanding constructivist approaches, in the same way that they make behaviorist methodologies simpler. Review existing e-learning methods for providing training or meeting learning needs. E-learning assets are identified with on the web, conveyance and association over the Internet, utilizing classroom management systems (CMS) such as Blackboard, Moodle, Vista or Angle. Utilizing a CMS (and a web browser), students can log in from any place in the world to gain entrance to their class materials and interface with each other.

#### ***Significance Of E-Learning:***

To identify the major strengths and weaknesses, if any, of the e-learning system with regard to quality. E-learning is a learning methodology dependent upon high technology. The high innovation utilized outcomes, quality towards e-learning. E-learning can't be executed with regular office, for example, pen, pencil, book and so forth. It needs high technology as its primary components Manir A.K... There is no direction that dependably accessible for learners so when the learners get challenges, they can't request any assistance from the educator Ntemana, T. J. This research work focuses on the following objectives. To offer suggestions, in the light of the research findings, for improving the quality of the e-learning. There are four regions of e-learning that most generally runs into an inconvenience, and returning to the course and making changes in these ranges can essentially enhance the execution of the course. An astounding number of e-learning courses still display cut clip-art, or offer unsteady, low-quality video with poor sound Zhang, D., Zhou, L., & Briggs, R.O.. Pages ought

to be streamlined and anything that doesn't improve the learner's experience with the substance ought to be evacuated. Individuals learn all the more promptly when they are energetically captivated with the substance, as opposed to sitting back and inactively retaining it. It's harder to get diverted when an e-learning course is consistently requesting astute information – which means something more than clicking "Next". Short tests or evaluations force learners to give careful consideration and hold the material being taught. By moving the format of the material delivery from a straight movement to an arrangement of expanding streets, the e-learning development group can make a course in which clients must settle on decisions which open new material in a way that takes after from their choice eventually, an e-learning course is just comparable to the substance itself. Regularly, extra parts and supplemental materials are included throughout e-learning development, bringing about the substance of the course to bloat unnecessarily Zhang, D., Zhou, L., & Briggs, R.O. By experiencing the substance successively and guaranteeing that one thought accompanies obviously from the following, engineers can guarantee that clients won't be befuddled by the substance Young, A., & Norgard, C. Gunn, C. In the wake of having made what substance is important and the request in which it may as well, most viably be encountered, an e-learning development group may be enticed to guarantee that the client's experience with the substance continues precisely as they have regarded ideal by securing the route controls and permitting a client's experience to continue just in a straight manner, hitting each focus in place. This methodology is certain to irritate and disappoint numerous clients Uys, P. Ntemana, T. J., & Olatokun, W. Scholars unequivocally demonstrated that they savoured the opportunity of taking in online and that web taking in was more advantageous than needing to go to classes Roca, J. C., Chiu, C. and Martinez, F. J.

### ***Suggestions In Implementation Of Calt:***

Institutional availability of infrastructure will make conditions for implementing effective e-learning. After the institutional vision for implementation of e-learning in their system offerings, readiness, and resource portion, and taking care of other administrative matters, the next step is to put in place the necessary Technology Infrastructure. The term "infrastructure" consistent with (Blinco *et al* 2004), is exceedingly contextual in its meaning and in e-learning contexts, "e-learning infrastructure", "technical infrastructure", and "ICT infrastructure" all convey a range of meanings. The necessary Technology Infrastructure likewise includes; rapid access to the university network and the Web, including access from off campus, procurement of appropriate classroom technologies, and student processing abilities. (Bates 1997) argues that, "While technology infrastructure strategy is absolutely essential, it is often the first and sometimes the main strategy adopted by universities manufacture it and they will come". Accessibility of essential technology will make the implementation of effective e-learning. As Rosenberg (2000) states, "access is the key" to e-learning. Corporate preparing strategy must anticipate the access to corporate data, internal and external libraries and databases, in order to facilitate the idea of "extra learning resources." Moreover, the learners must have their own particular multimedia PCs equipped with the needed licensed software and Web provisions Nichols, M.A structure of information technology completely will fulfill the requirements of learners and help organizing effective e-learning. Colleges and universities all far and wide are discovering approaches to integrate technology into teaching and learning process. However, despite the climbing use of information technology in the guideline, both in the conventional classroom and at a distance, there remains a significant crevice in giving off-campus students with a show of academic and help services equivalent to the on-campus resources. Foundations that provide e-learning, whether they offer completely online or a mixture (i.e., blending face-to-face with online guideline) courses, must provide concurrent e-learning student help mechanisms. The absence of physical contact with students creates the need for new structures for recruiting and retaining students Chou, C, C. Chou, C, C. State-of-the-art has a positive significant impact on the effectiveness of e-learning. As the characteristic of rapid evolution of technology, utilizing customary methods of learning may rapidly become outdated also ineffective learning methods as learners can't acclimate their learning process to fit today's complex work environment, even however accepted learning methods still work best and used in numerous market segment areas Gunn, C. For this reason, people must be able to learn from new innovative learning methods in order to stay ahead in the technology race and not to lag behind Ntemana, T. J., & Olatokun, W. Nichols, M. Continually advancing the human resources for e-learning will help enhancing the execution effectiveness of better e-learning. While creating e-learning environment, sound web plan standards suited to the focused on gathering of people requirement to be utilized including self-instinctive route, page layouts, content utilization, foundation colors and compositions, similarity with different workstation designs, and stipends for human disabilities Folorunso, O., Vincent, R. O., Adekoya, A. F., & Ogunde, A. O. A speaker may oblige learners to peruse specific sections of content from the pages before finishing an online intelligent movement Chou, C, C. Gunn, C. The configuration aspects of pages necessity to fit in with suitable configuration rules for suitable survey on the web. Fulfillment of learners with the facilities of e-learning will influence the execution of effective e-learning. Online group interactions don't dependably "happen" spontaneously. They oblige mind and sustaining: assistance. The centre of help and facilitating is to serve the group and support it in arriving at its objectives or reason. Facilitators in off-line circumstances have certain created parts, giving administration,

focus, stimulation for group communication, help, group building, refereeing, managing issues, timekeeping, reacting to part criticism and group regulation Nichols, M..

### Conclusion:

E-learning is around the most essential explosion propelled by the internet change. E-learning delivers content through electronic information and communication technologies Roca, J. C., Chiu, C. and Martinez, F. J.,. The use of these facilities, involves different methods which include systematized feedback system, computer-based operation network, video conferencing and sound conferencing, internet worldwide website and computer aided language teaching guideline. This delivery method increases the possibilities for how, where and when learners can engage in lifelong learning. At last we conclude that synchronous devices ought to be integrated into non-concurrent environments to consider "At whatever time" learning model. It has additionally found that E-learning seems unsuitable for those people without self-discipline. Sometimes it requires a great deal of self-discipline, generally because learners are caught up with working mature people. Besides, E-learners additionally seemed to need preparatory preparing especially in ICT aptitudes with the goal. They should get used to e-learning environment Zhang, D., Zhou, L., & Briggs, R.O. Kern, R.

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